# RISE KRISHNA SAI GANDHI GROUP OF INSTUTIONS:ONGOLE
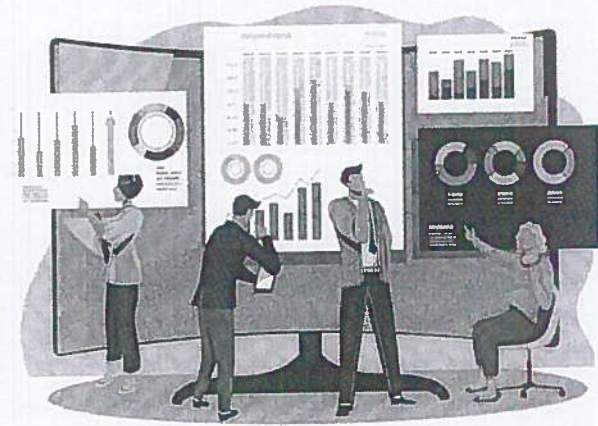


Certificate   program
on
"DATA ANALYTICS
ON
POWER BI"



20th December 2021  to  24th December 2021

R.Anil Kumar

Technical Trainer,

Hyderabad,

ORGANIZED BY

PRINCIPAL
SE KRISHNA SAI GANDHI
ROUP OF INSTITUTIONS
VALLURU:: ONGOLE.

# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## Department of Computer Science and Engineering

Valluru,

Date: 16-12-2021

To

R.Anil Kumar

Technical Trainer,

Hyderabad,

**Ph**:+91 9989324355

Dear Sir,

Subject: A letter of Invitation to conduct a 5 Day Certificate program on "Data Analytics on PowerBI" - Reg.

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Greetings from RISE Krishna Sai Gandhi Group of Institutions, Ongole

The RISE Institutions started functioning from the academic year 2009-10 and offering undergraduate courses in several engineering branches namely CE, CSE, ECE, EEE and ME.
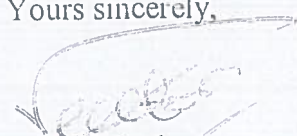
As per the discussion with Mr. P. Isaac Paul, Professor & HOD, CSE Department of our Institute, I hereby take this opportunity to invite you to conduct the Certificate program on "DATA ANALYTICS ON POWERBI " From 20-12-2021 to 24-12-2021

You are requested to interact and provide guidance to our IV B.Tech students, who are looking forward to their bright career ahead. I will feel honored by your gracious presence at our organization. I believe that your lecture will help our students and faculty members to explore knowledge.

Thanking you in anticipation.

Yours sincerely,

PRINCIPAL
RISE KRISHNA SAI GANDHI
GROUP OF INSTITUTIONS
VALLURU:: ONGOLE.

Principal

## R.Anil Kumar

Ph:+91 9989324355

Email:anilkumar.cse502@gmail.com

I am a Pan India freelance trainer for technical skills, Employability Skills, who is passionate about people development and personal effectiveness. I have conducted Training programs across Colleges, Management Institutions and other Corporate Sectors.

**List of colleges/Universities from 2011 – 2023 (Corporate training Program)**

- Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada (Autonomous)
- SIR C.R.Reddy College of Engineering,Eluru(Autonomous)
- Rise Krishna Sai Prakasam Group of Institutions, Ongole
- Rise Krishna Sai Gandhi Group of Institutions, Ongole
- Sagi Rama Krishnam Raju Engineering College, Bhimavaram (Autonomous)
- Bapatla Engineering college, Bapatla (Autonomous)
- Sri Venkateswara Institute of Science &Technology, Kadapa
- Annamacharya Institute of Technology & Sciences, Rajampet (Autonomous)
- Annamacharya Institute of Technology & Sciences, Tirupati (Autonomous)
- Ballari Institute of Technology & Management, Ballari (Autonomous)
- NRI Institute of Technology, Guntur
- Sri Mittapalli College of Engineering, Guntur
- Vignan's Foundation Science, Technology & Research, Guntur (Deemed University)
- St.Mary's Group of Institutions for Women ,Guntur
- Viswam Engineering College, Madanapalle
- Ravindra College of Engineering for Women, Kurnool
- G Pullaiah college Of Engineering and Technology, Kurnool
- Ashoka women's Engineering College, Kurnool
- Sreenivasa College Of Engineering and Technology, Kurnool

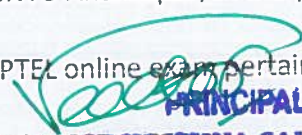**List of Training Institutes from 2011 – 2023:**

- Broad WingTechnologies, MaddurNagar, Kurnool,Andhra Pradesh 518002.
- MBS RESEARCH AND DEVELOPMENT,Near check post, Kurnool,Andhra Pradesh 518002.

**PROFESSIONAL EXPERIENCE:**

- Over **Twelve years** of experience in the field of Teaching the subjects of Computer Science & Engineering Branch.
- Experienced in the field of Teaching and Management, held the designation as Assistant professor in Computer Science & Engineering Department at Dr.K.V.S.R ENGINEERING COLLEGE, Kurnool (Dist.), Andhra Pradesh from 2008 to 2009.

**ACHIEVEMENTS:**

- Ratified as an **Assistant Professor** of CSE Department by JNTU Anantapur, in the year December 2013.
- Certified with **IIT KANPUR** for successful completion of NPTEL online exam pertaining to "Theory of Computation" course, September-2017.
- Certified with **IIT KHARGAPUR** for successful completion of NPTEL online exam pertaining to "Database Management Systems" course, March-2018.

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- Certified with **IIT MADRAS** for successful completion of NPTEL online exam pertaining to "Design and Analysis of Algorithms" course, October-2018.
- Certified with **IIT MADRAS** for successful completion of NPTEL online exam pertaining to "Discrete Mathematics" course, April-2019.
- Certified & Awarded with a **SILVER MEDAL** from **IIT MADRAS** for successful completion of NPTEL online exam pertaining to "The joy of Computing using Python course", October-2019.
- Certified with **ORACLE ACADEMY** for successful completion of "Database Design and Programming with SQL "course.
- Certified with **APSSDC** for successful completion of "Master Class on Python Programming" one-month online course,from 28-2-2022 to 29-3-2022, certificate number:PS-APSSDC-PYMC-593.
- Successfully achieved student level credential for completing the Python Essentials 1 and 2 course, Provided by Cisco Networking Academy in collaboration with OpenEDG Python Institute (August-2023).
- MEMEBRSHIP: LIFE TIME MEMBER OF **ISTE** FROM JULY 2012 ONWARDS (LM 85349).
- MEMEBRSHIP:Professional Memberof Institute for Engineering Research and Publication (IFERP) from NOV 2019 onwards(PMIN30289751)

**IAM PROUD OF:**

- My achievement of, having 10 out of 30 students I trained have cleared **TCS CODE VITA FIRST ROUND in 2018,** from G. PULLAIAH COLLEGE Of Engineering & Technology, Kurnool.
- Remarkable achievement of **75%** of the students I trained are placed in various companies like **TCS,WIPRO,CAPGEMINI,INFOSYS** in on-campus and off-campus drives in ASHOKA WOMENS ENGINEERING COLLEGE, Kurnool from 2022 batch. I have trained students in all the relevant technical rounds for this batch for all company's drives.
- Memorable achievement of **60%** of my trained students getting placed in the year 2021 with notable companies like **Accenture, Infosys, Capgemini, HCL & TCS** etc.
- My strength in providing exclusive and company specific trainings **for TCS and WIPRO hiring.**
- A "**Faculty Development Program**" in 2018 where in I have been the resource person for FDP on C language and Data Structures for the faculties from G Pullaiah college of Engineering & Ravindra Women's Engineering colleges.

List of modules delivered for Engineering Colleges:

| Module | Brief | Learning Objectives |
|---|---|---|
| C Language | <ul><li>Data types, I/O handling</li><li>Functions</li><li>Pointers</li><li>Structures and Unions</li><li>Files</li></ul> | <ul><li>To be quick and active coder</li><li>To be able to attempt MCQs</li><li>To comprehend the gist of a given program</li></ul> |

| | | |
|---|---|---|
| **Python** | • Datatypes, I/O handling<br>• Data structures, Comprehensions<br>• Functions<br>• Modules and packages<br>• GUI handling<br>• Data science | • Handling object-oriented programming<br>• Robust logic building<br>• Handling libraries |
| **Algorithms** | • Divide and conquer<br>• Greedy programming<br>• Dynamic programming<br>• Searching and sorting | • Logic building skills<br>• Problem solving<br>• Complexity analysis |
| **Data Structures** | • Linked lists<br>• Dynamic arrays<br>• Trees<br>• Graphs<br>• Hash map<br>• Tries | • Handling multiple data types and structures<br>• Identifying the perfect fitting data structure |
| **Java (Core Java)** | • Datatypes, I/O handling<br>• Data structures<br>• Methods, Collections<br>• Modules and packages<br>• Applets, Swings, Servlets<br>• Object oriented programming<br>• JSP, JDBC | • Handling object oriented programming<br>• Robust logic building<br>• Handling libraries |

## Department of Computer Science and Engineering

## PROPOSAL FORM

**SUB:** 5 Day Certificate program" **Data analytics on PowerBI** "-Programme
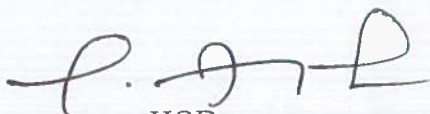
**To the Secretary/Correspondent through Principal for kind approval**

| 1 | NAME OF THE INSTITUTION | **Rise Krishna Sai Gandhi Group of Institutions** |
|---|---|---|
| 2 | NAME OF THE DEPARTMENT | Computer Science and Engineering |
| 3 | TITLE OF THE PROGRAMME | 5 Day Certificate program |
| 4 | NAME OF THE PROGRAMME | 5 Day Certificate program on " **Data analytics on PowerBI** " |
| 5 | OBJECTIVE OF THE PROGRAMME | To bring the exposure in the recent advancements in the subject. |
| 6 | DETAILS OF RESOURCE PERSON(S)& CV ATTACHED. | R.Anil Kumar Technical Trainer, Hyderabad, Ph:+91 9989324355 |
| 7 | PROPOSED DATE(S)/ACADEMIC YEAR | 20-12-2021 to 24-12-2021 |
| 8 | DURATION OF THE PROGRAMME | 5-Days |
| 9 | VENUE | Seminar hall |
| 10 | TARGETS | IV CSE students |
| 11 | No. OF PARTICIPANTS | 106 students |
| 12 | REGISTRATION FEE | Nil |
| 13 | NAME OF PROGRAMME CO ORDINATOR(S) | Mr.K.NAGA SURESH ,Asst.professor |
| 14 | NAME OF THE STUDENTS COORDINATOR(S) | 1. PATAN ANJU(188B1A0579) 2. GRANDI KIRAN KUMAR(188B1A0597) 3. THATHA SAI HARI PRIYA(188B1A0538) |

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| | | 4. VARADA SWETHA(188B1A0542) |
|---|---|---|
| 15 | SOURCE OF FUND IDENTIFIED | Management |
| 16 | MANAGEMENT CONTRIBUTION REQUIRED | YES /NO |
| 17 | NAME OF BUDGETORY MEMBERS | 1.Mr. P. Isaac Paul (HOD)<br>2. Mr.K.NAGA SURESH (CO ORDINATOR) |

SUBMITTED BY

HOD
HEAD OF THE DEPARTMENT
Department of CSE
RISE Krishna Sai Gandhi Group of
Institutions, VALLUR, A.P.-523 272

PRINCIPAL
RISE KRISHNA SAI GANDHI
GROUP OF INSTITUTIONS

# RISE KRISHNA SAI GANDHI GROUP OF INSTITUTIONS

(Approved by AICTE-NEW DELHI, Affiliated to JNTUK KAKINADA)

NH-16, Valluru -523272, Ongole, Prakasam District, A.P, India.

## Department of Computer Science and Engineering

Valluru,

Date:18-12-2021.

### CIRCULAR

This is to inform IVB.Tech students and faculty that there will be a 5-Day Certificate program on **"DataAnalytics on Power BI"** from **20-12-2021 to 24-12-2021** by **R.Anil Kumar**, Dirctor, a Pan India freelance trainer for technical skills, Employability Skills, Application domains\Project Management, Hyderabad.

Professor and HOD

Department of CSE

SE Krishna Sai Gandhi Group of

istitutions, VALLUR, A.P.-523 272

Copy to:

Principal

Staff Circular

Students of CSE IV year

CSE Department Notice Boards

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# A FIVE DAY CERTIFICATE PROGRAMME ON

"Data Analytics on Power BI"

$20^{th} – 24^{th}$ Nov, 2021.

**Coordinator**

**Mr.K.NAGA SURESH**
Asst..Prof.

**Organized by**

**Department of Computer Science and Engineering**

**RISE KRISHNA SAI GANDHI GROUP OF INSTITUTIONS**
(Approved By AICTE-NEW DELHI, Affiliated To JNTUK KAKINADA)
(NBA accredited ECE, EEE, and CE & ME)
An ISO 9001:2015 Certified Institute
NH-16, Valluru, Ongole,
Prakasam District, A.P-523272
Phone : +91 99662 72111
mail id : rise_gandhi@yahoo.com

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## ORGANIZING COMMITTEE

**Chief Patrons**

**Sri SIDDA. VENKATESWARA RAO**
Chairman

**Sri I. C. RANGAMANNAR**
Hon'ble Chairman

**Sri SIDDA. HANUMANTHA RAO**
Secretary

**Sri SIDDA. BHARATH**
Treasurer

**Patron**

**Prof. Dr. K.V.SUBRAHMANYAM**

Principal

**Coordinator**

**Mr. K.NAGA SURESH**
Asst.prof.

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## STUDENT REGISTRATION FORM

Name : ...............................

Gender : ...............................

Department : ...............................

Institution : ...............................

Address for Communication.

...............................................

...............................................

...............................................

PIN : ...............................

EMAIL : ...............................

MOBILE NO. : ...............................

## About RISE:-

RISE KRISHNA SAI Gandhi Group of Institutions is located in the outer suburb of the calm town, Ongole in Prakasam district in Andhra Pradesh. RISE KRISHNA SAI Gandhi Group of Institutions offers unparalleled Engineering, Management and Computer Education.

The most competent and dedicated technical and human resources in the campus sharpen students and their skills. They, thereby, shall be sure to make the greatest possible strides both in their career and life!

The Institution was established on 5th October 2009 by RISE which stands for Rural Institute of Social and Economic Empowerment.

The institution is approved by AICTE, New Delhi and Govt. of Andhra Pradesh and is affiliated to Jawaharlal Nehru Technological University, Kakinada (JNTUK).

This world class institute with global standards offers courses at the Undergraduate level in five areas (CE, ME, EEE, ECE, CSE) of engineering, at the Post Graduate level in two areas (MBA & MCA)

## About Department:-

The department of Electronics and Communication Engineering was established in 2009 with an intake of 60 students in the UG programmer.

The intake was enhanced to 120 in 2010 with highly qualified and experienced faculty and has good infrastructural facilities and is equipped with full-fledged laboratories. The department also has audiovisual facilities with sufficient LCD and OHP's for effective teaching.

The staff members are deputed to participate in workshops, conferences and refresher courses to keep in pace with recent developments in the field of Electronics & Communication Engineering.

## Objectives of the Programme:-

Organizations exist to achieve business objectives and in today's data driven world, we know that progress is measured through data. However, this is often challenging as goal tracking systems are disconnected from your business data and often require manual updates. Not only that, but goals need to be optimized for teamwork, tightly integrated into core business processes, and easily extended.

We are very excited to announce the **public preview of Goals in Power BI Premium.** Goals is a data-driven, collaborative, and adaptable way to measure key business metrics and goals built directly on top of Power BI. Goals enables teams to easily curate business metrics that matter most and aggregate them in a unified view. From there, teams can measure progress against their goals, proactively share updates with their teammates, and dive deeper into their data when something needs further analysis. Users can also monitor the health of their business, bringing in data across multiple Power BI workspaces and create gorgeous scorecards to drive impact.

## Course Contents:-

- Introduction
- Features
- Architecture
- Pros and cons
- Data Modeling
- Dashboards in Power BI
- Power BI Desktop
- Data sources
- Admin Roles
- Report Server
- Tables
- Case studies
- Books
- Gateways
- Filters
- Queries
- Slicers
- KPIs

## Resource Person:-

R.Anil Kumar,

Dirctor, a Pan India freelance trainer for technical skills, Employability Skills.

Hyderabad

## Guidelines:-

- No participant fee will be collected.
- Session time will be from 9:00AM to 5:00PM.

## Department of Computer Science & Engineering

## Schedule for "DATA ANALYTICS ON POWER BI"

| S.No | Date | Time | Topic Covered |
|------|------|------|---------------|
| 1 | 20-12-2021 | 9.00am to 10.00am | Opening ceremony |
| | | 10.00am to 12.40pm | 1. Automate KPIs<br>2. Visualize Sales vs Marketing Leads<br>3. Real-Time View of Financial Performance |
| | | | Lunch |
| | | 1.20pm to 5.00pm | 4  What is Power BI?<br>5  Power BI Dashboard<br>6  Access to Volumes of Data from Multiple Sources |
| 2 | 21-12-2021 | 9.00am to 12.40pm | 7. Interactive UI/UX Features<br>8. Exceptional Excel Integration<br>9. Accelerate Big Data Preparation with Azure |
| | | | Lunch |
| | | 1.20pm to 5.00pm | 10. Turn Insights into Action<br><br>11. "Power BI in Data Analytics"<br><br>12. Introduction to Power BI*: |
| 3 | 22-12-2021 | 9.00am to 12.40pm | 13. Data Import<br><br>14. Data Modeling:<br><br>15. Data Modeling |

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| | | | Lunch | |
|---|---|---|---|---|
| | | 1.20pm to 5.00pm | 16. Data Visualization<br>17. Dashboard Creation<br>18. Report Generation | |
| 4 | 23-12-2021 | 9.00am to 12.40pm | 19. Data Analysis with Power BI<br>20. Power Query<br>21. DAX (Data Analysis Expressions | |
| | | | Lunch | |
| | | 1.20pm to 5.00pm | 22. Data Refresh and Update<br>23. Sharing and Collaboration<br>24. Mobile Integration | |
| 5 | 24-12-2021 | 9.00am to 12.40pm | 25. Security in Power BI<br>26. Case Studies<br>27. Best Practices | |
| | | | Lunch | |
| | | 1.20pm to 4.00pm | 28. Challenges and Solutions<br>29. Future Trends:<br>30. Conclusion | |
| | | 4.00pm to 5.00pm | Closing ceremony | |

Coordinator

HOD
HEAD OF THE DEPARTMENT
Department of CSE
RISE Krishna Sai Gandhi Group of
Institutions, VALLURA.P,-523 272

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

STUDENT FEED BACK FORM

NAME OF THE STUDENT : G. Madhuri

DATE: 24/12/2021

ROLL NO : 188B1A0510

A.Y: 2021-22

PROGRAMME NAME : Data Analytics on Power B.I

| S.NO | FEED BACK POINTS | 1 | 2 | 3 | 4 | 5 |
|------|------------------|---|---|---|---|---|
| 1 | Is the Programme useful or not? | | | | ✓ | |
| 2 | Is the Programme well planned or not? | | | | ✓ | |
| 3 | Programme makes objectives clear? | | | | | ✓ |
| 4 | Programme speaker speaks clearly and audibly? | | | | ✓ | |
| 5 | Speaker explains with examples clearly? | | | | | ✓ |
| 6 | Is your Doubts clarified or not? | | | | | ✓ |

5-EXCELLENT      4-GOOD      3-AVERAGE      2-POOR      1-NO COMMENT

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NH-16, Valluru -523272, Ongole, Prakasam District, A.P, India.

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### STUDENT FEED BACK FORM

NAME OF THE STUDENT : T. Sai Hooiporiya          DATE: 24/12/2021

ROLL NO : 18BB1A0538          A.Y:   2021 - 22

PROGRAMME NAME : Data Analytics on power BI

| S.NO | FEED BACK POINTS | 1 | 2 | 3 | 4 | 5 |
|------|------------------|---|---|---|---|---|
| 1 | Is the Programme useful or not? | | | | | ✓ |
| 2 | Is the Programme well planned or not? | | | | | ✓ |
| 3 | Programme makes objectives clear? | | | | ✓ | |
| 4 | Programme speaker speaks clearly and audibly? | | | | | ✓ |
| 5 | Speaker explains with examples clearly? | | | | | ✓ |
| 6 | Is your Doubts clarified or not? | | | | ✓ | |

5-EXCELLENT          4-GOOD          3-AVERAGE          2-POOR          1-NO COMMENT

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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### STUDENT FEED BACK FORM

NAME OF THE STUDENT : P. Anju

DATE: 24/12/2021

ROLL NO : 188B1A0579

A.Y: 2021-22

PROGRAMME NAME : Data analytic OA power B.I

| S.NO | FEED BACK POINTS | 1 | 2 | 3 | 4 | 5 |
|------|------------------|---|---|---|---|---|
| 1 | Is the Programme useful or not? | | | | ✓ | |
| 2 | Is the Programme well planned or not? | | | | ✓ | |
| 3 | Programme makes objectives clear? | | | | ✓ | |
| 4 | Programme speaker speaks clearly and audibly? | | | | ✓ | |
| 5 | Speaker explains with examples clearly? | | | | | ✓ |
| 6 | Is your Doubts clarified or not? | | | | | ✓ |

5-EXCELLENT    4-GOOD    3-AVERAGE    2-POOR    1-NO COMMENT

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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

STUDENT FEED BACK FORM

NAME OF THE STUDENT : M. Mishit

DATE: 24.12.2021

ROLL NO : 188B1A0599

A.Y: 2021 - 22

PROGRAMME NAME : Data Analytics on power B.I.

| S.NO | FEED BACK POINTS | 1 | 2 | 3 | 4 | 5 |
|------|------------------|---|---|---|---|---|
| 1 | Is the Programme useful or not? | | | | ✓ | |
| 2 | Is the Programme well planned or not? | | | | | ✓ |
| 3 | Programme makes objectives clear? | | | | ✓ | |
| 4 | Programme speaker speaks clearly and audibly? | | | | | ✓ |
| 5 | Speaker explains with examples clearly? | | | | | ✓ |
| 6 | Is your Doubts clarified or not? | | | | | ✓ |

5-EXCELLENT      4-GOOD      3-AVERAGE      2-POOR      1-NO COMMENT

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GOLE.

## Department of Computer Science and Engineering

### Certificate program Feedback Analysis

Topic            : 5 DAY Certification program on

" DATA ANALYTICS ON POWER BI"

Resource Person  : Mr.R.Anil kumar

Technical Trainer, Hyd.

Dates            : 20-12-2021 TO 24-12-2021

Venue            : Seminar Hall

Targeted Students  : IV Year students

| S.No | No. of students Participated | No. of students given feedback | Feedback % |
|------|------------------------------|--------------------------------|------------|
| 1    | 107                          | 107                            | 100%       |

K. Nagaurerh

Co-ordinator

Head of the Department

HEAD OF THE DEPARTMENT
Department of CSE
RISE Krishna Sai Gandhi Group of
nstitutions, VALLUR, A.P.-523 272

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# RISE KRISHNA SAI GANDHI GROUP OF INSTITUTIONS:: ONGOLE
## DEPARTMENT OF COMUTER SCIENCE AND ENGINEERING
## FEEDBACK ANALYSIS
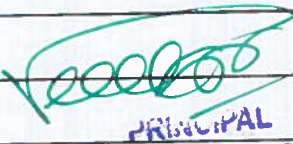
A.Y: 2021-2022          Year :  IV B.Tech CSE          Date: 24-12-2021
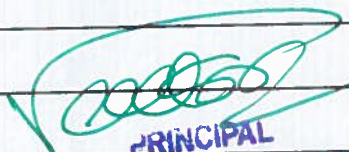
### Certificate Program on " DATA ANALYTICS ON POWER BI"

| S.NO | ROLL NUMBERS | NAME OF THE STUDENT | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|---|---|
| 1 | 148B1A0542 | TALLURI VYDEHI | 5 | 4 | 4 | 5 | 5 | 4 |
| 2 | 188B1A0501 | ASODI RAMYASREE | 5 | 5 | 5 | 4 | 4 | 5 |
| 3 | 188B1A0502 | ATHMAKURI RAMYA | 4 | 4 | 4 | 5 | 5 | 4 |
| 4 | 188B1A0503 | BEZAWADA JESWITHA | 4 | 5 | 4 | 4 | 5 | 5 |
| 5 | 188B1A0504 | BOMMINENI RENUKA | 5 | 5 | 4 | 5 | 5 | 5 |
| 6 | 188B1A0505 | BYRAPANENI YASHASREE | 4 | 4 | 5 | 4 | 5 | 4 |
| 7 | 188B1A0506 | CHENNUBOINA LAHARI | 4 | 4 | 4 | 5 | 5 | 5 |
| 8 | 188B1A0507 | CHUNDURI JAYA LAKSHMI | 4 | 4 | 5 | 4 | 4 | 4 |
| 9 | 188B1A0508 | GAJJALA MALLESWARI | 4 | 4 | 4 | 5 | 4 | 5 |
| 10 | 188B1A0510 | GUMMADI MADHURI | 4 | 4 | 5 | 4 | 5 | 5 |
| 11 | 188B1A0511 | JUGUNTA KUSUMALATHA | 4 | 5 | 4 | 5 | 5 | 4 |
| 12 | 188B1A0512 | K NAGA VYSHNAVI | 5 | 4 | 5 | 5 | 5 | 5 |
| 13 | 188B1A0513 | KAKUMANI AMRUTHA | 4 | 5 | 5 | 5 | 5 | 5 |
| 14 | 188B1A0515 | KANTU ANJALI | 4 | 4 | 5 | 5 | 5 | 5 |
| 15 | 188B1A0516 | KARETI MOUNIKA | 5 | 5 | 4 | 4 | 5 | 4 |
| 16 | 188B1A0517 | KATTINENI SUSMITHA | 5 | 5 | 4 | 4 | 4 | 5 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 17 | 188B1A0518 | KOKKILAGADDA SIREESHA | 5 | 4 | 4 | 5 | 4 | 5 |
| 18 | 188B1A0519 | KOTAPATI RAJESWARI | 4 | 5 | 5 | 4 | 5 | 4 |
| 19 | 188B1A0520 | KOTIKELAPUDI MOWKTHIKA | 4 | 5 | 4 | 4 | 5 | 5 |
| 20 | 188B1A0521 | KUNAM VIDHYALATHA | 5 | 4 | 5 | 5 | 5 | 5 |
| 21 | 188B1A0522 | MUDDANA LAVANYA | 5 | 4 | 5 | 5 | 5 | 5 |
| 22 | 188B1A0523 | MULAGANI SARANYA REDDY | 4 | 5 | 4 | 4 | 5 | 4 |
| 23 | 188B1A0524 | MUSUNURI DHARANI | 5 | 5 | 4 | 4 | 5 | 5 |
| 24 | 188B1A0525 | NALLAMOTHU JAYASREE | 5 | 4 | 4 | 5 | 4 | 4 |
| 25 | 188B1A0526 | NANNE BOINA SUCHARITHA | 4 | 4 | 5 | 5 | 5 | 5 |
| 26 | 188B1A0527 | NERELLA SATVIKA | 4 | 5 | 4 | 4 | 4 | 4 |
| 27 | 188B1A0528 | PALADUGU DEEPIKA | 4 | 5 | 5 | 5 | 4 | 5 |
| 28 | 188B1A0529 | PAMIDI SRAVANI | 4 | 5 | 5 | 4 | 4 | 5 |
| 29 | 188B1A0530 | PANDI DEEPTHI RAYALU | 5 | 4 | 4 | 4 | 4 | 4 |
| 30 | 188B1A0531 | PUTTAMRAJU SRAVYA | 5 | 5 | 5 | 4 | 5 | 5 |
| 31 | 188B1A0532 | SAMANTHAPUDI KEERTHANA | 4 | 5 | 4 | 5 | 5 | 5 |
| 32 | 188B1A0533 | SUDANAGUNTA BHAVANA PRIYA | 4 | 4 | 4 | 5 | 5 | 5 |
| 33 | 188B1A0534 | SURABHI SRAVANI | 4 | 4 | 5 | 5 | 5 | 4 |
| 34 | 188B1A0535 | SURAM SRIVIDHYA | 5 | 5 | 5 | 4 | 4 | 5 |
| 35 | 188B1A0536 | SYED RUHI FARDIBHA | 4 | 5 | 4 | 5 | 5 | 5 |
| 36 | 188B1A0537 | THANGELLA GEETHIKA | 5 | 5 | 4 | 4 | 4 | 5 |
| 37 | 188B1A0538 | THATHA SAI HARI PRIYA | 5 | 5 | 4 | 5 | 5 | 4 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 38 | 188B1A0539 | THOTTEMPUDI NAVYA | 4 | 4 | 5 | 4 | 4 | 5 |
| 39 | 188B1A0540 | THOTTEMPUDI VENKATA NANDHINI | 5 | 4 | 5 | 5 | 5 | 5 |
| 40 | 188B1A0541 | VALETI PRASANNA | 4 | 5 | 5 | 4 | 5 | 4 |
| 41 | 188B1A0542 | VARADA SWETHA | 5 | 5 | 5 | 5 | 5 | 5 |
| 42 | 188B1A0543 | YANAMALA SIRISHA | 5 | 5 | 5 | 4 | 4 | 5 |
| 43 | 188B1A0544 | YARRAMOTHU KANAKA DURGA | 4 | 5 | 4 | 5 | 4 | 5 |
| 44 | 188B1A0545 | ANIL BABU SAKINENI | 5 | 4 | 4 | 4 | 5 | 4 |
| 45 | 188B1A0546 | BIJJAM HARSHA REDDY | 5 | 5 | 5 | 5 | 4 | 5 |
| 46 | 188B1A0547 | DEVIREDDY JESHWANTH REDDY | 5 | 4 | 4 | 4 | 5 | 5 |
| 47 | 188B1A0548 | GONUGUNTA VENKATA SURYA SAI HARSHA | 5 | 5 | 5 | 4 | 5 | 5 |
| 48 | 188B1A0549 | KOMMALAPATI AKHIL CHOWDARY | 5 | 5 | 4 | 5 | 5 | 5 |
| 49 | 188B1A0550 | KYPU RAVINDRA REDDY | 4 | 4 | 5 | 4 | 4 | 5 |
| 50 | 188B1A0551 | MALISETTY DINESH | 4 | 5 | 5 | 4 | 5 | 4 |
| 51 | 188B1A0552 | NANDURI RAVINDRA | 4 | 4 | 4 | 5 | 4 | 5 |
| 52 | 188B1A0561 | AKKALA BHAVYA BHARATHI | 4 | 4 | 4 | 4 | 5 | 5 |
| 53 | 188B1A0562 | BHAVANASI HARITHA | 4 | 5 | 5 | 5 | 4 | 5 |
| 54 | 188B1A0563 | CHALLA VINEETHA | 4 | 5 | 4 | 5 | 5 | 5 |
| 55 | 188B1A0564 | CHELLI PRAVALIKA | 4 | 4 | 5 | 4 | 5 | 4 |
| 56 | 188B1A0565 | GATTUPALLI JHANSI LAKSHMI | 4 | 4 | 5 | 5 | 5 | 4 |
| 57 | 188B1A0566 | GURRAM KRISHNA DEEPIKA | 4 | 4 | 4 | 4 | 5 | 5 |
| 58 | 188B1A0567 | ILINDRA KRISHNA VARSHINI | 5 | 4 | 4 | 5 | 5 | 5 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 59 | 188B1A0568 | JAJJARA SOWKHYA | 4 | 5 | 5 | 5 | 5 | 5 |
| 60 | 188B1A0569 | JALAKAM USHA RANI | 4 | 4 | 5 | 5 | 4 | 4 |
| 61 | 188B1A0570 | KANNEBOINA GAYATHRI | 4 | 5 | 4 | 4 | 5 | 5 |
| 62 | 188B1A0571 | KODURI SRI SAI ALEKHYA | 5 | 4 | 5 | 4 | 5 | 5 |
| 63 | 188B1A0572 | KORUMALLI AHALYA | 5 | 4 | 5 | 5 | 5 | 5 |
| 64 | 188B1A0573 | MADISETTY BHANU KEERTHANA | 5 | 4 | 4 | 4 | 5 | 5 |
| 65 | 188B1A0574 | MALLAVARAPU PRUDHVI | 4 | 4 | 4 | 4 | 5 | 5 |
| 66 | 188B1A0575 | MIRIYALA SUMA PRIYA | 4 | 4 | 5 | 4 | 5 | 5 |
| 67 | 188B1A0576 | NERELLA VENKATA VASAVI | 5 | 4 | 4 | 4 | 5 | 5 |
| 68 | 188B1A0577 | OLLA GAYATHRI | 5 | 5 | 4 | 4 | 5 | 5 |
| 69 | 188B1A0578 | PAKALA BALA CHANDANA | 5 | 5 | 4 | 5 | 5 | 5 |
| 70 | 188B1A0579 | PATAN ANJU | 4 | 4 | 4 | 4 | 5 | 5 |
| 71 | 188B1A0580 | PONNURU CHERISHMA LAKSHMI DURGA | 4 | 5 | 4 | 4 | 5 | 5 |
| 72 | 188B1A0581 | POTHURU VENKATA SAI AMRUTHA | 5 | 4 | 4 | 4 | 5 | 5 |
| 73 | 188B1A0582 | SAIBA VENKATA SARANYA | 5 | 5 | 4 | 5 | 5 | 5 |
| 74 | 188B1A0583 | SEELAM BORANNAGARI GURU SIVANI | 4 | 4 | 5 | 4 | 5 | 5 |
| 75 | 188B1A0584 | SOMISETTY VIDYA | 4 | 4 | 5 | 4 | 5 | 5 |
| 76 | 188B1A0585 | SWARNA BHARGAVI | 5 | 4 | 5 | 5 | 5 | 5 |
| 77 | 188B1A0586 | UNNAM PRAVALLIKA | 5 | 5 | 5 | 4 | 5 | 5 |
| 78 | 188B1A0587 | VELAMPALLI LAKSHMI VENKATA SAROJA | 5 | 5 | 4 | 5 | 5 | 5 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 79 | 188B1A0588 | VELAMPALLI PAVITHRA | 4 | 4 | 4 | 4 | 5 | 5 |
| 80 | 188B1A0589 | YARRA GEETHA | 4 | 4 | 5 | 5 | 5 | 4 |
| 81 | 188B1A0590 | YENDLURI HARI PRIYA | 5 | 5 | 4 | 4 | 4 | 5 |
| 82 | 188B1A0592 | BANDARU HEMANTH KUMAR | 5 | 4 | 5 | 5 | 5 | 5 |
| 83 | 188B1A0593 | BEEMANADHAM MADANMOHAN REDDY | 5 | 5 | 5 | 5 | 4 | 5 |
| 84 | 188B1A0594 | BODAPATI SARATH CHANDRA | 4 | 4 | 5 | 4 | 5 | 4 |
| 85 | 188B1A0595 | CHERUVU RAVITEJA | 4 | 5 | 5 | 5 | 5 | 5 |
| 86 | 188B1A0596 | DAMA BOSE THIRUPATA ROY CHOWDARY | 4 | 5 | 5 | 4 | 5 | 5 |
| 87 | 188B1A0597 | GRANDI KIRAN KUMAR | 5 | 5 | 5 | 5 | 5 | 5 |
| 88 | 188B1A0599 | MADALA NISHIT | 4 | 5 | 4 | 5 | 5 | 5 |
| 89 | 188B1A05A0 | MURARISETTY VENKATA RAKESH | 4 | 5 | 5 | 5 | 4 | 4 |
| 90 | 188B1A05A1 | NELLURI VENKATA THARUN KUMAR | 4 | 4 | 4 | 4 | 4 | 5 |
| 91 | 188B1A05A2 | PULICHARLA HEMANTH KUMAR REDDY | 4 | 5 | 5 | 5 | 5 | 5 |
| 92 | 188B1A05A3 | R VENKATA AJAY KUMAR | 5 | 5 | 4 | 4 | 4 | 4 |
| 93 | 188B1A05A4 | RACHAPUDI JAGADEESH | 4 | 5 | 4 | 5 | 5 | 4 |
| 94 | 188B1A05A6 | SANKA PAVAN KALYAN | 4 | 4 | 5 | 4 | 4 | 5 |
| 95 | 188B1A05A7 | URIBINDI RAVI TEJA | 5 | 5 | 5 | 5 | 5 | 5 |
| 96 | 188B1A05A8 | VADICHERLA PRASANTH | 5 | 5 | 4 | 5 | 4 | 5 |
| 97 | 188B1A05B0 | VENKATA JASWANTH GONUGUNTA | 5 | 4 | 4 | 4 | 5 | 4 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 99 | 178B1A05A3 | PUNATI SAIKIRAN | 5 | 5 | 4 | 4 | 5 | 5 |
| 100 | 178B1A05A4 | PUSAPATI SHANMUKA SAI PAVAN | 5 | 5 | 4 | 5 | 5 | 5 |
| 101 | 178B1A05A5 | RAVIPATI VENKATA SAI TEJA | 4 | 5 | 4 | 5 | 5 | 5 |
| 102 | 178B1A05A6 | SIKAKOLLU VIVEK | 5 | 4 | 5 | 5 | 4 | 4 |
| 103 | 178B1A05A7 | SINGAMANENI VAMSI KRISHNA | 4 | 4 | 5 | 4 | 4 | 5 |
| 104 | 178B1A05A8 | TELLA SAGAR | 4 | 4 | 4 | 5 | 5 | 5 |
| 105 | 178B1A05A9 | THATHA BHARATH NAGA VISHNU DEEPU | 5 | 4 | 4 | 4 | 5 | 4 |
| 106 | 178B1A05B0 | VEMIREDDY OM MADHAVA REDDY | 5 | 5 | 4 | 5 | 4 | 5 |
| 107 | 188B5A0501 | DASI PRASANNA | 4 | 5 | 4 | 4 | 5 | 5 |
| | | | 4.50 | 4.53 | 4.49 | 4.51 | 4.72 | 4.75 |
| | | | 89.99 | 90.63 | 89.72 | 90.19 | 94.42 | 95.00 |
| | | | 91.66 | | | | | |

K. Nagamurth
Faculty coordinator

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## Certificate Program on "Data Analytics on Power BI"
## Model Question Paper

-------------------------------------------------------------------------

Student Name:                                    Roll.No:

Branch : IV CSE                                  AY:2021-22

**1. What is Power BI?    [    ]**

a. A business analytics tool

b. A database management system

c. A project management software

d. A graphic design tool

**2. Which of the following is a data visualization feature in Power BI? [ ]**

a. Charts

b. Word processing

c. Video editing

d. Animation

**3. Which programming language is used to create custom visuals in Power BI?**

a. Python

b. C#

c. Java

d. R

**4. Which of the following is NOT a data source that can be used in Power BI?                    [    ]**

a. Excel spreadsheets

b. JSON files

c. Oracle databases

d. Adobe Photoshop files

**5. Which of the following is a data transformation feature in Power BI?**

a. Data modeling                                                    [     ]

b. Data visualization

c. Data exploration

d. Data cleansing

**6. Which of the following is a visualization option in Power BI? [     ]**

a. Pivot table

b. Histogram

c. Bubble chart

d. All of the above

**7. What is a dashboard in Power BI? [     ]**

a. A visual representation of data that provides an at-a-glance view of key metrics

b. A report that contains detailed information about a specific topic or area

c. A data source that provides access to raw data for analysis

d. A collaboration tool that allows users to share and work on data together

**8. What is a measure in Power BI?   [     ]**

a. A calculation based on data in a dataset

b. A visualization option for displaying data

c. A filter that restricts the amount of data displayed in a report

d. A connection to a data source

**9. Which of the following is a way to filter data in Power BI? [     ]**

a. Slicer

b. Histogram

c. Scatter plot

d. Line chart

## 10. What is the purpose of Power Query in Power BI?

a. To import, transform, and combine data from various sources

b. To create custom visuals for data visualization

c. To analyze and visualize data

d. To create and manage data models

## 11. What is the purpose of Power Pivot in Power BI? [      ]

a. To import and transform data from various sources

b. To create and manage data models

c. To analyze and visualize data

d. To share reports and dashboards with other users

## 12. Which of the following is a way to create a new measure in Power BI?                                                   [      ]

a. Using DAX formula language

b. Using SQL query language

c. Using Python programming language

d. Using JavaScript programming language

## 13. What is the purpose of Power View in Power BI? [      ]

a. To create and share reports and dashboards

b. To import and transform data from various sources

c. To analyze and visualize data

d. To create and manage data models

**14. Which of the following is a way to share a report or dashboard in Power BI?** [    ]

a. Publish to the Power BI service

b. Export to a PDF file

c. Share via email

d. All of the above

**15. What is the purpose of the Power BI service?** [    ]

a. To create and manage data models

b. To import and transform data from various sources

c. To analyze and visualize data

d. To share reports and dashboards with other users

**16. Which of the following is a way to connect to a data source in Power BI?** [    ]

a. Using a web browser

b. Using a command-line interface

c. Using an API

d. All of the above

**17. What is the purpose of the Query Editor in Power BI?** [    ]

a. To create and manage data models

b. To import and transform data from various sources

c. To analyze and visualize data

d. To share reports and dashboards with other users

**18. Which of the following is a way to filter data in Power BI?** [    ]

a. Using a slicer

b. Using a chart

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c. Using a table

d. All of the above

**19. Which of the following is a way to create a hierarchy in Power BI?**

a. Using the Fields pane                                    [     ]

b. Using the Filters pane

c. Using the Visualizations pane

d. Using the Pages pane

**20. Which of the following is a way to create a calculated column in Power BI?**                                    [     ]

a. Using DAX formula language

b. Using SQL query language

c. Using Python programming language

d. Using JavaScript programming language

key:

1. **Answer:** a. A business analytics tool
   **Explanation:** Power BI is a business analytics tool developed by Microsoft. It allows users to connect, visualize, and analyze data from various sources, including cloud services and on-premises databases.

2. **Answer:** a. Charts
   **Explanation:** Power BI provides a variety of charts and graphs, including bar charts, line charts, pie charts, and scatter plots, to help users visualize their data.

3. **Answer:** d.
   **Explanation:** R is a programming language used for statistical computing and graphics. It is one of the supported languages for creating custom visuals in Power BI.

4. **Answer:** d. Adobe Photoshop files
   **Explanation:** Power BI can connect to various data sources, including Excel spreadsheets, JSON files, and Oracle databases, but it cannot connect to Adobe Photoshop files.

5. **Answer:** d. Data cleansing
   **Explanation:** Data cleansing is a data transformation feature in Power BI that allows users to clean, transform, and reshape data to prepare it for analysis.

6. **Answer:** d. All of the above
   **Explanation:** Power BI offers various visualization options, including pivot tables, histograms, and bubble charts, to help users analyze and interpret their data.

7. **Answer:** a. A visual representation of data that provides an at-a-glance view of key metrics
   **Explanation:** A dashboard in Power BI is a visual representation of data that provides an at-a-glance view of key metrics and performance indicators for a business or organization.

8. **Answer:** a. A calculation based on data in a dataset
   **Explanation:** A measure in Power BI is a calculation based on data in a dataset. Measures can be used to perform calculations such as sums, averages, and percentages.
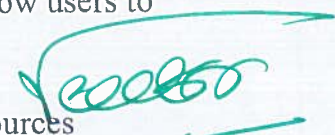
9. **Answer:** a. Slicer
   **Explanation:** A slicer is a way to filter data in Power BI. Slicers allow users to interactively filter data by selecting one or more values from a list.

10. **Answer:** a. To import, transform, and combine data from various sources
    **Explanation:** Power Query is a data transformation and cleaning tool in Power BI that allows users to import, transform, and combine data from various sources.

11. **Answer:** b. To create and manage data models
    **Explanation:** Power Pivot is a data modeling tool in Power BI that allows users to create and manage data models. It allows users to define relationships between tables and create calculated columns and measures.

12. **Answer:** a. Using DAX formula language
    **Explanation:** DAX (Data Analysis Expressions) is a formula language used to create measures and calculated columns in Power BI.

13. **Answer:** c. To analyze and visualize data
    **Explanation:** Power View is a data visualization tool in Power BI that allows users to create interactive, visual reports and dashboards to analyze and visualize data.

14. **Answer:** a. Publish to the Power BI service
    **Explanation:** The recommended way to share a report or dashboard in Power BI is to publish it to the Power BI service. This allows other users to view and interact with the report or dashboard in a web browser.

15. **Answer:** d. To share reports and dashboards with other users
    **Explanation:** The Power BI service is a cloud-based platform that allows users to share reports and dashboards with other users. It also provides additional features such as collaboration, data exploration, and administration.

16. **Answer:** a. Using a web browser
    **Explanation:** The most common way to connect to a data source in Power BI is to use a web browser. Power BI also provides other methods such as command-line interfaces and APIs for connecting to data sources.

17. **Answer:** b. To import and transform data from various sources
    **Explanation:** The Query Editor in Power BI is a data transformation and cleaning tool that allows users to import, transform, and combine data from various sources.

18. **Answer:** a. Using a slicer
    **Explanation:** Slicers are visual controls in Power BI that allow users to filter data in a report or dashboard. They can be used with charts, tables, and other visualizations.

19. **Answer:** a. Using the Fields pane
    **Explanation:** The Fields pane in Power BI allows users to create hierarchies by dragging and dropping fields onto each other. Hierarchies can be used to drill down into data and explore relationships between data points.

20. **Answer:** a. Using DAX formula language
    **Explanation:** DAX (Data Analysis Expressions) is a formula language used to create calculated columns and measures in Power BI. Calculated columns can be used to add new columns to a table based on a DAX expression

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## Department of Computer Science and Engineering

## Certificate Program on "Data Analytics on Power BI"
## Model Question Paper
--------------------------------------------------------------------------

Student Name: Ch. Lahari

Roll.No: 188B1A0506

Branch : IV CSE

AY:2021-22

$\frac{18}{20}$

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b. A database management system

c. A project management software

d. A graphic design tool

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a. Charts

b. Word processing

c. Video editing

d. Animation

**3. Which programming language is used to create custom visuals in Power BI?**   [ d ] ✓

a. Python

b. C#

c. Java

d. R

**4. Which of the following is NOT a data source that can be used in Power BI?**   [ d ] ✓

a. Excel spreadsheets

b. JSON files

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c. Oracle databases

d. Adobe Photoshop files

**5. Which of the following is a data transformation feature in Power BI?**

[ d ] ✓

a. Data modeling

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**6. Which of the following is a visualization option in Power BI?** [ d ] ✓

a. Pivot table

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### Department of Computer Science and Engineering

c. Scatter plot

d. Line chart

**10. What is the purpose of Power Query in Power BI?** [ a ]

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b. To create custom visuals for data visualization

c. To analyze and visualize data

d. To create and manage data models

**11. What is the purpose of Power Pivot in Power BI?** [ b ]

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## Certificate Program on "Data Analytics on Power BI"
## Model Question Paper

--------------------------------------------------------------------------

Student Name: J. Usha Rani        Roll.No: 188B1A0569

Branch : IV CSE        AY:2021-22

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b. Word processing
c. Video editing
d. Animation

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a. Python
b. C#
c. Java
d. R

**4. Which of the following is NOT a data source that can be used in Power BI?**        [ d ] ✓

a. Excel spreadsheets
b. JSON files

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## Department of Computer Science and Engineering

c. Oracle databases

d. Adobe Photoshop files

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[ d ] ✓

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d. To create and manage data models

**14. Which of the following is a way to share a report or dashboard in Power BI?**                        [ a ] ✓

a. Publish to the Power BI service

b. Export to a PDF file

c. Share via email

d. All of the above

**15. What is the purpose of the Power BI service? [ d ] ✓**

a. To create and manage data models

b. To import and transform data from various sources

c. To analyze and visualize data

d. To share reports and dashboards with other users

**16. Which of the following is a way to connect to a data source in Power BI?**                   [ a ] ✓

a. Using a web browser

b. Using a command-line interface

c. Using an API

d. All of the above

**17. What is the purpose of the Query Editor in Power BI? [ b ] ✓**

a. To create and manage data models

b. To import and transform data from various sources

c. To analyze and visualize data

d. To share reports and dashboards with other users

**18. Which of the following is a way to filter data in Power BI? [ a ]**

a. Using a slicer

b. Using a chart

c. Using a table

d. All of the above

**19. Which of the following is a way to create a hierarchy in Power BI?**

a. Using the Fields pane       [ a ] ✓

b. Using the Filters pane

c. Using the Visualizations pane

d. Using the Pages pane

**20. Which of the following is a way to create a calculated column in Power BI?**      [ a ] ✓

a. Using DAX formula language

b. Using SQL query language

c. Using Python programming language

d. Using JavaScript programming language

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# RISE KRISHNA SAI GANDHI GROUP OF INSTITUTIONS

(Approved by AICTE-NEW DELHI, Affiliated to JNTUK KAKINADA)

NH-16, Valluru -523272, Ongole, Prakasam District, A.P, India

## DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

| BRANCH:CSE-I YEAR : IV-I | Academic year:2021-22 | CERTIFICATE PROGRAM ON "DATA ANALYTICS ON POWERBI " |
|---|---|---|

### STUDENT ASSESSMENT SHEET

| S.NO | ROLL NUMBERS | NAME OF THE STUDENT | MARKS |
|---|---|---|---|
| 1 | 148B1A0542 | TALLURI VYDEHI | 18 |
| 2 | 188B1A0501 | ASODI RAMYASREE | 18 |
| 3 | 188B1A0502 | ATHMAKURI RAMYA | 20 |
| 4 | 188B1A0503 | BEZAWADA JESWITHA | 20 |
| 5 | 188B1A0504 | BOMMINENI RENUKA | 18 |
| 6 | 188B1A0505 | BYRAPANENI YASHASREE | 19 |
| 7 | 188B1A0506 | CHENNUBOINA LAHARI | 20 |
| 8 | 188B1A0507 | CHUNDURI JAYA LAKSHMI | 18 |
| 9 | 188B1A0508 | GAJJALA MALLESWARI | 19 |
| 10 | 188B1A0510 | GUMMADI MADHURI | 18 |
| 11 | 188B1A0511 | JUGUNTA KUSUMALATHA | 17 |
| 12 | 188B1A0512 | K NAGA VYSHNAVI | 20 |
| 13 | 188B1A0513 | KAKUMANI AMRUTHA | 19 |
| 14 | 188B1A0515 | KANTU ANJALI | 19 |
| 15 | 188B1A0516 | KARETI MOUNIKA | 19 |
| 16 | 188B1A0517 | KATTINENI SUSMITHA | 18 |
| 17 | 188B1A0518 | KOKKILAGADDA SIREESHA | 19 |
| 18 | 188B1A0519 | KOTAPATI RAJESWARI | 18 |
| 19 | 188B1A0520 | KOTIKELAPUDI MOWKTHIKA | 18 |
| 20 | 188B1A0521 | KUNAM VIDHYALATHA | 18 |
| 21 | 188B1A0522 | MUDDANA LAVANYA | 20 |
| 22 | 188B1A0523 | MULAGANI SARANYA REDDY | 17 |
| 23 | 188B1A0524 | MUSUNURI DHARANI | 18 |
| 24 | 188B1A0525 | NALLAMOTHU JAYASREE | 19 |
| 25 | 188B1A0526 | NANNE BOINA SUCHARITHA | 19 |
| 26 | 188B1A0527 | NERELLA SATVIKA | 18 |
| 27 | 188B1A0528 | PALADUGU DEEPIKA | 19 |

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|------|-------------|---------------------|-------|
| 28 | 188B1A0529 | PAMIDI SRAVANI | 19 |
| 29 | 188B1A0530 | PANDI DEEPTHI RAYALU | 20 |
| 30 | 188B1A0531 | PUTTAMRAJU SRAVYA | 18 |
| 31 | 188B1A0532 | SAMANTHAPUDI KEERTHANA | 19 |
| 32 | 188B1A0533 | SUDANAGUNTA BHAVANA PRIYA | 17 |
| 33 | 188B1A0534 | SURABHI SRAVANI | 18 |
| 34 | 188B1A0535 | SURAM SRIVIDHYA | 18 |
| 35 | 188B1A0536 | SYED RUHI FARDIBHA | 18 |
| 36 | 188B1A0537 | THANGELLA GEETHIKA | 17 |
| 37 | 188B1A0538 | THATHA SAI HARI PRIYA | 19 |
| 38 | 188B1A0539 | THOTTEMPUDI NAVYA | 19 |
| 39 | 188B1A0540 | THOTTEMPUDI VENKATA NANDHINI | 18 |
| 40 | 188B1A0541 | VALETI PRASANNA | 19 |
| 41 | 188B1A0542 | VARADA SWETHA | 19 |
| 42 | 188B1A0543 | YANAMALA SIRISHA | 19 |
| 43 | 188B1A0544 | YARRAMOTHU KANAKA DURGA | 17 |
| 44 | 188B1A0545 | ANIL BABU SAKINENI | 17 |
| 45 | 188B1A0546 | BIJJAM HARSHA REDDY | 20 |
| 46 | 188B1A0547 | DEVIREDDY JESHWANTH REDDY | 18 |
| 47 | 188B1A0548 | GONUGUNTA VENKATA SURYA SAI HARSHA | 19 |
| 48 | 188B1A0549 | KOMMALAPATI AKHIL CHOWDARY | 18 |
| 49 | 188B1A0550 | KYPU RAVINDRA REDDY | 20 |
| 50 | 188B1A0551 | MALISETTY DINESH | 17 |
| 51 | 188B1A0552 | NANDURI RAVINDRA | 20 |

K naganuresh
coordinator

P. A. L
HOD

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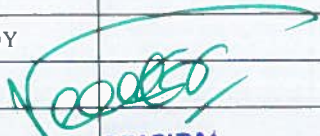
## DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

| | | |
|---|---|---|
| BRANCH:CSE-II | Academic year:2021-22 | CERTIFICATE PROGRAM ON "DATAANALYTICS |
| YEAR : IV-I | | ON POWER BI " |

## STUDENT ASSESSMENT SHEET

| S.NO | ROLL NUMBERS | NAME OF THE STUDENT | MARKS |
|------|-------------|---------------------|-------|
| 1 | 188B1A0561 | AKKALA BHAVYA BHARATHI | 17 |
| 2 | 188B1A0562 | BHAVANASI HARITHA | 18 |
| 3 | 188B1A0563 | CHALLA VINEETHA | 19 |
| 4 | 188B1A0564 | CHELLI PRAVALIKA | 20 |
| 5 | 188B1A0565 | GATTUPALLI JHANSI LAKSHMI | 17 |
| 6 | 188B1A0566 | GURRAM KRISHNA DEEPIKA | 17 |
| 7 | 188B1A0567 | ILINDRA KRISHNA VARSHINI | 18 |
| 8 | 188B1A0568 | JAJJARA SOWKHYA | 19 |
| 9 | 188B1A0569 | JALAKAM USHA RANI | 20 |
| 10 | 188B1A0570 | KANNEBOINA GAYATHRI | 18 |
| 11 | 188B1A0571 | KODURI SRI SAI ALEKHYA | 18 |
| 12 | 188B1A0572 | KORUMALLI AHALYA | 16 |
| 13 | 188B1A0573 | MADISETTY BHANU KEERTHANA | 17 |
| 14 | 188B1A0574 | MALLAVARAPU PRUDHVI | 17 |
| 15 | 188B1A0575 | MIRIYALA SUMA PRIYA | 18 |
| 16 | 188D1A0576 | NERELLA VENKATA VASAVI | 17 |
| 17 | 188B1A0577 | OLLA GAYATHRI | 17 |
| 18 | 188B1A0578 | PAKALA BALA CHANDANA | 18 |
| 19 | 188B1A0579 | PATAN ANJU | 19 |
| 20 | 188B1A0580 | PONNURU CHERISHMA LAKSHMI DURGA | 19 |
| 21 | 188B1A0581 | POTHURU VENKATA SAI AMRUTHA | 20 |
| 22 | 188B1A0582 | SAIBA VENKATA SARANYA | 17 |
| 23 | 188B1A0583 | SEELAM BORANNAGARI GURU SIVANI | 17 |
| 24 | 188B1A0584 | SOMISETTY VIDYA | 18 |
| 25 | 188B1A0585 | SWARNA BHARGAVI | 19 |
| 26 | 188B1A0586 | UNNAM PRAVALLIKA | 18 |
| 27 | 188B1A0587 | VELAMPALLI LAKSHMI VENKATA SAROJA | 17 |
| 28 | 188B1A0588 | VELAMPALLI PAVITHRA | 18 |
| 29 | 188B1A0589 | YARRA GEETHA | 17 |
| 30 | 188B1A0590 | YENDLURI HARI PRIYA | 17 |
| 31 | 188B1A0592 | BANDARU HEMANTH KUMAR | 18 |
| 32 | 188B1A0593 | BEEMANADHAM MADANMOHAN REDDY | 18 |
| 33 | 188B1A0594 | BODAPATI SARATH CHANDRA | 19 |
| 34 | 188B1A0595 | CHERUVU RAVITEJA | 19 |
| 35 | 188B1A0596 | DAMA BOSE THIRUPATA ROY CHOWDARY | 20 |
| 36 | 188B1A0597 | GRANDI KIRAN KUMAR | 18 |

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| S.NO | ROLL NUMBERS | NAME OF THE STUDENT | MARKS |
|------|--------------|---------------------|-------|
| 38 | 188B1A05A0 | MURARISETTY VENKATA RAKESH | 16 |
| 39 | 188B1A05A1 | NELLURI VENKATA THARUN KUMAR | 19 |
| 40 | 188B1A05A2 | PULICHARLA HEMANTH KUMAR REDDY | 19 |
| 41 | 188B1A05A3 | R VENKATA AJAY KUMAR | 18 |
| 42 | 188B1A05A4 | RACHAPUDI JAGADEESH | 18 |
| 43 | 188B1A05A6 | SANKA PAVAN KALYAN | 19 |
| 44 | 188B1A05A7 | URIBINDI RAVI TEJA | 18 |
| 45 | 188B1A05A8 | VADICHERLA PRASANTH | 19 |
| 46 | 188B1A05B0 | VENKATA JASWANTH GONUGUNTA | 19 |
| 47 | 188B1A05B1 | MARAKA MOUNIKA | 17 |
| 48 | 178B1A05A5 | RAVIPATI VENKATA SAI TEJA | 18 |
| 49 | 178B1A05A6 | SIKAKOLLU VIVEK | 17 |

Faculty Coordinator

HOD

HEAD OF THE DEPARTMENT
Department of CSE
CSE Krishna Sai Gandhi Group of
stitutions, VALLUR, A.P.-523 272

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# RISE KRISHNA SAI GANDHI GROUP OF INSTITUTIONS:: ONGOLE DEPARTMENT OF CSE



[ **Certificate program on Power BI**

**20-12-2021 to 24-12-2021** ]

The Certificate Program conducted by CSE department on 20th - 24th December 2021 in
RISE KRISHNA SAI GANDHI GROUP OF INSTITUTIONS

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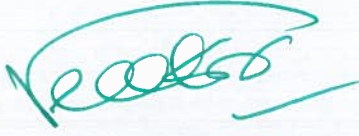VALLUR:: ONGOLE.

# Objectives of conducting Certificate program

**Objectives:**

Organizations exist to achieve business objectives and in today's data driven world, we know that progress is measured through data. However, this is often challenging as goal tracking systems are disconnected from your business data and often require manual updates. Not only that, but goals need to be optimized for teamwork, tightly integrated into core business processes, and easily extended.

We are very excited to announce the **public preview of Goals in Power BI Premium.** Goals is a data-driven, collaborative, and adaptable way to measure key business metrics and goals built directly on top of Power BI. Goals enables teams to easily curate business metrics that matter most and aggregate them in a unified view. From there, teams can measure progress against their goals, proactively share updates with their teammates, and dive deeper into their data when something needs further analysis. Users can easily monitor the health of their business, bringing in data across multiple Power BI workspaces and create gorgeous scorecards to drive impact.

## Main topics involved in PowerBI

1. Automate KPIs

2. Visualize Sales vs Marketing Leads

3. Real-Time View of Financial Performance

4. What is Power BI?

5. Power BI Dashboard

6. Access to Volumes of Data from Multiple Sources

7. Interactive UI/UX Features

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8. Exceptional Excel Integration

9. Accelerate Big Data Preparation with Azure

10. Turn Insights into Action



11. *Title Slide*:
    a. Title: "Power BI in Data Analytics"
    b. Subtitle: "Transforming Data into Insights"
    c. Your Name and Date

12. *Introduction to Power BI*:
    a. Definition and Purpose of Power BI
    b. Key Features and Benefits

13. *Data Import*:
    a. Sources: Database, Excel, Web, etc.
    b. Live vs. Imported Data

14. *Data Transformation*:
    a. Cleaning and Shaping Data

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b. Removing Duplicates, Handling Errors

15. *Data Modeling*:
    a. Relationships in Power BI
    b. Creating Data Models

16. *Data Visualization*:
    a. Types of Visualizations (Bar, Pie, Scatter, etc.)
    b. Customization Options

17. *Dashboard Creation*:
    a. Components of a Dashboard
    b. Design Tips for Effective Dashboards

18. *Report Generation*:
    a. Building Reports in Power BI
    b. Report Publishing and Distribution



19. *Data Analysis with Power BI*:
    a. Using Filters, Slicers, and Drill-downs
    b. Advanced Analytics Features

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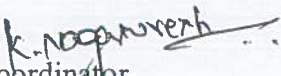
20. *Power Query*:

    a.   Power Query Interface

    b.   Data Cleaning and Transformation Examples

21. *DAX (Data Analysis Expressions)*:

    a.   Introduction to DAX Functions

    b.   Measures and Calculated Columns

22. *Data Refresh and Update*:

    a.   Schedule Refresh Options

    b.   Maintaining Data Accuracy

23. *Sharing and Collaboration*:

    a.   Sharing Reports and Dashboards

    b.   Collaborating with Teams

24. *Mobile Integration*:

    a.   Power BI Mobile App Features

    b.   Responsive Design for Mobile Devices

25. *Security in Power BI*:

    a.   Role-based Security

    b.   Data Encryption and Compliance

26. *Case Studies*:

    a.   Real-world Examples of Power BI Usage

    b.   Success Stories and Impact

27. *Best Practices*:

    a.   Tips for Efficient Power BI Usage

    b.   Optimization Techniques

28. *Challenges and Solutions*:

    a.   Common Challenges in Power BI

    b.   Strategies to Overcome Them

29. *Future Trends*:

    a.   Upcoming Features in Power BI
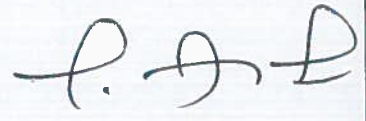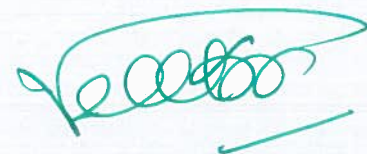
    b.   Predictions for Data Analytics Trends

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30. *Conclusion*:
   a. Recap of Power BI's Importance
   b. Call to Action or Next Steps

K.Nagamurenh

Coordinator

HOD

## Department of Computer Science and Engineering
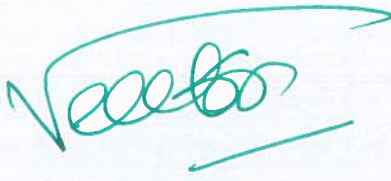
Date: 24-12-2021.

## CLOSING REPORT

To

The Principal,

Rise Krishna Sai Gandhi Group of instutions,

Valluru/

As per the approved schedule Rise Krishna Sai Gandhi group of Institutions conducted a **Certificate Program on" DATA ANALYTICS ON POWER BI"** at CSE Seminar Hall From 20-12-2021 to 24-12-2021 from 09.00 am to 5.00 pm per day. The students of IV CSE total 107 are participated in this programme. This Certificate Program head attended R.Anil kumar., Pan India freelance trainer for technical skills trainer ,Hyderabad.

Main issues addressed:

1. Automate KPIs
2. Visualize Sales vs Marketing Leads
3. Real-Time View of Financial Performance
4. What is Power BI?
5. Power BI Dashboard
6. Access to Volumes of Data from Multiple Sources
7. Interactive UI/UX Features
8. Exceptional Excel Integration
9. Accelerate Big Data Preparation with Azure
10. Turn Insights into Action
11. "Power BI in Data Analytics"
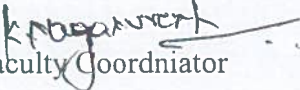12. Introduction to Power BI
13. Data Import

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14. Data Modeling:

15. Data Modeling Data Visualization

16. Dashboard CreationReport Generation

17. Data Analysis with Power BI

18. . Power Query

19. DAX (Data Analysis Expressions

20. Data Refresh and Update

21. Sharing and Collaboration

22. Mobile Integration Security in Power BI

23. Case Studies

24. Best Practices Challenges and Solutions

25. Conclusion

We are expecting your support in future also, for that we will be thankful to you.

Thanking you sir,

Yours faithfully,

Faculty Coordniator

HOD
HEAD OF THE DEPARTMENT
Department of CSE
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stitutions, VALLUR, A.P.-523 272

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