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College of
Engineering

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Sri Venkateswara College of Engineering

(Autonomous - Affiliated to Anna University)

Pennalur, Sriperumbudur - 602 117

Industry Institute Interaction Cell

of

Department of Computer Science and Engineering

Organizes

Technical Talk on POWER BI

By

Mr.M.Naresh Kannan

Senior Software Quality Assurance Engineer,

Altair Engineering India Pvt Ltd, Chennai.

Date: 30/03/2024

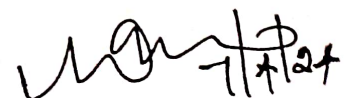
Time: 06.00 PM to 07.00 PM

Convener:

Dr. R. Anitha, Prof. & Head/ CSE

Co-ordinator:

Mr. G. Ilamurugan, AP/CSE


7/1/24



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Department of Computer Science and Engineering

Technical Talk on POWER BI

Date: 30/03/2024 Time: 06.00 PM to 07.00 PM

Topics:

- Welcome and Introduction
- Introduction to Power BI
- Data Preparation and Modelling
- Creating Visualizations
- DAX Basics and Advanced Functions
- Power BI Service and Collaboration
- Power BI Integration with Other Tools
- Performance Optimization
- Q&A Session



About the Programme:

The Department of Computer Science and Engineering, Sri Venkateswara College of Engineering conducted an Online Technical Seminar on POWER BI on 30th march 2024. The resource person was Mr.M.NARESH KANNAN working as Data Engineering Analyst in Accenture Solutions Pvt Ltd., Chennai. The objectives aim to equip the students with a solid understanding of Power BI's capabilities and empower them to utilize the tool effectively for their business intelligence needs. This would include

- 1. Introduce Power BI as a Key Business Intelligence Tool:**
 - Provide an overview of Power BI and its role in data visualization, analysis, and decision-making.
- 2. Demonstrate Data Preparation and Modeling Techniques:**
 - Show how to import, clean, and transform data using Power Query.
 - Highlight best practices for data modeling and building efficient data relationships.
- 3. Explore Power BI Visualization Capabilities:**
 - Teach how to create dynamic and interactive reports and dashboards.
 - Introduce various visualization options and how to choose the right visual for your data.
- 4. Explain the Basics and Advanced Uses of DAX:**
 - Introduce DAX (Data Analysis Expressions) for creating custom calculations.
- 5. Showcase Power BI's Integration and Collaboration Features:**
 - Demonstrate how to publish reports to the Power BI Service and share them with others.
 - Explore integration options with other Microsoft tools and third-party applications.
- 6. Discuss Performance Optimization Strategies:**
 - Provide tips and techniques for optimizing the performance of Power BI reports and dashboards.
- 7. Provide Hands-On Experience and Practical Insights:**
 - Engage participants with live demonstrations or hands-on activities.
 - Share practical tips and real-world examples to enhance learning.

These objectives aim to equip participants with a solid understanding of Power BI's capabilities and empower them to utilize the tool effectively for their business intelligence needs.



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Department of Computer Science and Engineering

March 23, 2024

Submitted to HOD/CSE:

Dear Madam,

Sub: Requisition to conduct a technical talk on POWER BI - reg.

On behalf of the Industry Institute Interaction cell, we would like to organize a technical talk on POWER BI on 30th March 2024 from 06.00 PM - 07.00 PM through online mode. The aim is to equip participants with a solid understanding of Power BI's capabilities and empower them to utilize the tool effectively for their business intelligence needs. The seminar is scheduled in the last Saturday of the month as per IIC Calendar.

The resource person for the seminar is

Mr.M.Naresh Kannan , Data Engineering Analyst, Accenture Solutions Pvt Ltd, Chennai.

The technical talk helps the student's community in the near future. So kindly grant permission to organize this event.

Sincerely,

IIC Coordinator

Mr. G. Ilamurugan, AP/ CSE



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SRI VENKATESWARA COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

TECHNICAL TALK

on

“POWER BI”

RESOURCE PERSON:

NARESH KANNAN M

DATA ENGINEERING ANALYST
Accenture Solutions Pvt Ltd

ORGANIZED BY:

INDUSTRY INSTITUTE INTERACTION CELL/ CSE

CONVENOR:

Dr. R. Anitha, Prof./ HOD/ CSE

COORDINATOR:

G. Ilamurgan, AP/ CSE

MARCH 30, 2024

6.00 - 7.00 PM





PROGRAMME SCHEDULE

Welcome Address & Introduction of Resource Person	Mr.G.Ilamurugan,AP/CSE
Resource Person Details	Mr.M.Naresh Kannan, Data Engineering Analyst Accenture Solutions Pvt Ltd., Chennai
Vote of Thanks	Mr.G.Ilamurugan,AP/CSE

RESOURCE PERSON PROFILE:



Mr.Naresh kannan is working as Data Engineering Analyst in Accenture Solutions Pvt Ltd., Chennai. He is known for professional expertise in programming, web designing, SEO and digital collateral development with updated and pragmatic knowledge in spheres pertaining to digital marketing and data engineering. Inquisitive Learner, Highly keen in keeping track with the latest trends in technology and advancement.



1. REGISTRATION OF THE PARTICIPANTS (I CSE & AD)

Artificial intelligence and Data Science		
SrNo	Univ.Reg.No.	StudentName
1	2127230502001	ADHARSH S
2	2127230502002	ADITYA N
3	2127230502003	AKASH V
4	2127230502004	AKSHARA B
5	2127230502005	AKSHAYA M
6	2127230502006	ALAGU MANIKANDAN S
7	2127230502007	ANGELINE JENISHA V
8	2127230502008	ANJALAIDEVI C
9	2127230502009	ANJALI E
10	2127230502010	ARAVINTTH T
11	2127230502011	ARJUN M
12	2127230502012	ASHIKA HASEEN S
13	2127230502013	ASWATH S
14	2127230502014	AVVUDAIYAPPAN RM
15	2127230502015	BALAJI B
16	2127230502016	BALAKRISHNAN R
17	2127230502017	BALASARASWATHI S
18	2127230502018	BHARATH H
19	2127230502019	BHUVANESH R
20	2127230502020	BHUVANESHWARAN B
21	2127230502021	CHANDRU A
22	2127230502022	DAWAN BABU K
23	2127230502023	DEVANANTH V
24	2127230502024	DHARMA DHARSHAN G
25	2127230502025	DHARSAN P
26	2127230502026	DHAYAN K
27	2127230502027	DHIKSHITHA S



28	2127230502028	DINESH G
29	2127230502029	DIVYASHREE M
30	2127230502030	FATHIMA AFRAAH M
31	2127230502031	GOKUL A
32	2127230502032	GOKUL K
33	2127230502033	GOWTHAM KUMARASAMI
34	2127230502034	HAARINI R
35	2127230502035	HARIGHANESH ASHOKKUMAR
36	2127230502036	HARIHARAN K
37	2127230502037	HARIHARAN S
38	2127230502038	HARINI K
39	2127230502039	HARINI V
40	2127230502040	HARISH RAJ S
41	2127230502041	HARISH S
42	2127230502042	HARISH S
43	2127230502043	HARSHITA SOLAICHI C
44	2127230502044	HEMALATHA S
45	2127230502045	INDRIS P
46	2127230502046	INIYAN RAM A
47	2127230502047	JAI KISHORE A P
48	2127230502048	JAI KRISHNA PRASATH D
49	2127230502049	JANANI V
50	2127230502050	JEEVITHA P
51	2127230502051	JEYASURYA S
52	2127230502052	JISHVA THIYAGARAJAN
53	2127230502053	KARTHIK SINGARAM M R
54	2127230502054	KARTHIKEYAN K
55	2127230502055	KARTHIKEYAN R B
56	2127230502056	KAUSIK T
57	2127230502057	KAVINIDHI R P
58	2127230502058	KAVYA KAMACHETLU PRAVEEN KUMAR



59	2127230502059	KRISHNA VENKAT V R
60	2127230502060	LAKSHANAA A
61	2127230502061	LAKSHMANA PERUMAL J
62	2127230502062	LAKSHMINARAYANAN K
63	2127230502063	LATHIKA S P
64	2127230502064	MAYURI B
65	2127230502065	MICHELLE JEFFRIN X
66	2127230502066	MOHITH KUMAR G
67	2127230502067	MUKESH S
68	2127230502068	NAKSHATHRA L
69	2127230502069	NAVNEET R
70	2127230502070	NIHIL P RAYEN P
71	2127230502071	NITISH N
72	2127230502072	NITYAA S
73	2127230502073	PAVANYA K
74	2127230502074	PRAKASH M
75	2127230502075	PREETHI R
76	2127230502076	PRIYANKA S
77	2127230502077	RAGHAVENDHAR R
78	2127230502078	RAGHUL SAH V R T
79	2127230502079	RAKSHANA N
80	2127230502080	RAMASOCKALINGAM M
81	2127230502081	RESHMA RAJI U
82	2127230502082	ROHITH S
83	2127230502083	ROHITRAM J V
84	2127230502084	RUPESH A
85	2127230502085	SABARESH B
86	2127230502086	SAI AAKASH V
87	2127230502087	SAI SHRIKAR
88	2127230502088	SAI SRIRAM S
89	2127230502089	SAKTHIVEL S



90	2127230502090	SANJAY D
91	2127230502091	SANJAY K
92	2127230502092	SANJAY V
93	2127230502093	SANLIYA JOSHI
94	2127230502094	SARUKESH A
95	2127230502095	SHAM KUMAR S
96	2127230502096	SHIVAKARTHIK S
97	2127230502097	SHRIRAM NARASIMHAN
98	2127230502098	SIDDHARTH J K
99	2127230502099	SIVAKARTHICK K
100	2127230502100	SRIHARI V

Computer Science and Engineering

SrNo	Univ.Reg.No.	StudentName
1	2127230501001	AADHISH N
2	2127230501002	AARYAN M
3	2127230501003	ABHINAYA V
4	2127230501004	ABIJITH P
5	2127230501005	ABINAYA S
6	2127230501006	ABISHEKA PRIYAN V
7	2127230501007	ABISHIKA G
8	2127230501008	ADITHI K
9	2127230501009	AJAY M
10	2127230501010	AKILAN S
11	2127230501011	AMIRTHAVARSHINI J
12	2127230501012	AMIZHDHINI P
13	2127230501013	AMRITHA VARSSHINI A
14	2127230501014	ANTONY ABISHEK A
15	2127230501015	ARAVINDHAN L
16	2127230501016	ARIVUNITHI R
17	2127230501017	ARSHAD AHMED J
18	2127230501018	ARTHI BALAJI



19	2127230501019	ARUN VELLAYAN SRINIVASAN
20	2127230501020	ASHWIN M
21	2127230501021	BAARATH ARUMUGARAJA
22	2127230501022	BALAJI E
23	2127230501023	BALAMURUGAN G
24	2127230501024	BENSON SAMUEL K V
25	2127230501025	BHISHMA KUMAR A
26	2127230501026	CHAITANYA H
27	2127230501027	DAYAALAN K T
28	2127230501028	DEEPAN K R
29	2127230501029	DEEPIKA M
30	2127230501030	DHAKSHA KALIDOSS
31	2127230501031	DHAKSHAN T
32	2127230501032	DHANETHIREN P
33	2127230501033	DHARUNAGANESH BALAMURUGAN
34	2127230501034	DHINAKAR P
35	2127230501035	DHINESH C
36	2127230501036	DIMBU NAGA SATYA SURYA MARAM
37	2127230501037	DIVYA BHARATHI R
38	2127230501038	DIVYADHARSHINI S
39	2127230501039	FUZAYL AMEEN T
40	2127230501040	GANAPATIRAMANAN A
41	2127230501041	GAURAV DHARSHAN R
42	2127230501042	GOKUL HARISH B R
43	2127230501043	GOPINATH A
44	2127230501044	GOWTHAM K
45	2127230501045	GURU SANKARA ARASU I
46	2127230501046	HARIIS P
47	2127230501047	HARISH K
48	2127230501048	HARISH KARTHI V
49	2127230501049	HARITHA S V



50	2127230501050	HARSHINEE U
51	2127230501051	HEMAGIRISH ELANGOVAN
52	2127230501052	HEWIN SHERAJ R
53	2127230501053	INDHUMATHI A P
54	2127230501054	JAHNAVI G
55	2127230501055	JAI HARISH G
56	2127230501056	JANAGIRAM K
57	2127230501057	JANANI H
58	2127230501058	JANANI M
59	2127230501059	JANANI S
60	2127230501060	JANANI SHREE K S
61	2127230501061	JANANI T
62	2127230501062	JEEVANRAM R
63	2127230501152	SUDISH M
64	2127230501063	JOHAN A
65	2127230501064	KAARTHIKEYAN S
66	2127230501065	KABARTINAA S
67	2127230501066	KABENESH B V
68	2127230501067	KAMALAM K
69	2127230501068	KANIMOZHI H
70	2127230501069	KANNISHKA S
71	2127230501070	KAVHEIN NARAYAN M I
72	2127230501071	KEERTHANA G
73	2127230501072	KEERTHI VASAN R M
74	2127230501073	KEVIN CHRISTOPHER S
75	2127230501074	KIRTHIVAASAN M S
76	2127230501075	KRITHICK KUMAR S
77	2127230501076	LAKSHNA TARUNYA Y
78	2127230501077	MADHAV G
79	2127230501078	MADHUSHREE SN
80	2127230501079	MAHALAKSHMI PONNUSUNDAR



81	2127230501080	MANIKANDAN A
82	2127230501081	MANISHA N
83	2127230501082	MANOJ B
84	2127230501083	MAYENOOSH S
85	2127230501084	MEENATCHI H
86	2127230501085	MEGHA RAJEEVAN
87	2127230501086	MEYYAPPAN DM
88	2127230501087	MOHAMMED IBRAHIM S
89	2127230501088	MONICA S
90	2127230501089	MONISH K
91	2127230501090	MONISHA R
92	2127230501091	MUBASHIR SHERIFF R
93	2127230501092	MUTHIAH KASI
94	2127230501093	MUTHUVEERAN D
95	2127230501094	NAGAPPAN VRA
96	2127230501095	NANDANA S
97	2127230501096	NEHA VISHNU VIJAYAN
98	2127230501097	NETHAJI PANDIAN S
99	2127230501098	NITHIYANANDAM S
100	2127230501099	NITHYA V
101	2127230501100	PADMAJA S
102	2127230501101	PADMAROSHINI S
103	2127230501102	PAVITHRA P
104	2127230501103	PONNURU SRI AASHISH
105	2127230501104	PRABAKARAN A
106	2127230501105	PRAGADEESH B
107	2127230501106	PRAJAN S
108	2127230501107	PRANAO N S
109	2127230501108	PRATHIKSHAA B
110	2127230501109	PRINCE RAJ J
111	2127230501110	PRITHVI RAJAN D



112	2127230501111	RAAKESH S
113	2127230501112	RAGUL P
114	2127230501113	RAJA GOPAL P
115	2127230501114	RAJALAKSHMI S
116	2127230501115	RAJAT KUMAR
117	2127230501116	RAJSUVETHA V
118	2127230501117	RAMANAN G
119	2127230501118	RANJIT S
120	2127230501119	RITHIK SUMAN V
121	2127230501120	ROHITH P
122	2127230501121	ROSHINI S
123	2127230501122	SACHIN G
124	2127230501123	SADHANA S
125	2127230501124	SAIFUDDIN PAPA S
126	2127230501125	SALMA SIDDIQUE
127	2127230501126	SANJAI M
128	2127230501127	SANJETH S
129	2127230501128	SANJITH L
130	2127230501129	SARANYA E
131	2127230501130	SARATH CHANDRAN M
132	2127230501131	SARVESH RAGAV B
133	2127230501132	SARVESH RM
134	2127230501133	SASHWANTH V S
135	2127230501134	SATHYAN S
136	2127230501135	SHAAM SUNDER V
137	2127230501136	SHANMATHI PRASANNA B
138	2127230501137	SHARMILE S
139	2127230501138	SHARVESH R
140	2127230501139	SHASHANK M
141	2127230501140	SHASHANK N S
142	2127230501141	SHIVA HARNI K



143	2127230501142	SHIVSARAN S
144	2127230501143	SHREE KHEERTHI AGRATHAA N
145	2127230501144	SHREE KOWSIK S B
146	2127230501145	SHREENIDHI R
147	2127230501146	SHRINIDHI D
148	2127230501147	SIDHARTH S
149	2127230501148	SRISURYA M
150	2127230501149	SRUTHIKA B S
151	2127230501150	STENISH ROGER S
152	2127230501151	SUBHAKSHAN K V
153	2127230501153	SUMITH LANYRAJ
154	2127230501154	SUNIL DARAN D
155	2127230501155	SUNIL SUKUMARAN
156	2127230501156	SUNJANA MANASSVI V P
157	2127230501157	SWETHA P
158	2127230501158	TANISH M
159	2127230501159	TARUN KUMAR R
160	2127230501160	THAMILARASAN S
161	2127230501161	THAMIZH SELVAN P
162	2127230501162	THARUN JEEVAN R
163	2127230501163	THENMATHI T
164	2127230501164	THIRUKUMARAN G
165	2127230501165	THIRUMURUGAN S
166	2127230501166	THIRUNAVUKARASU T R
167	2127230501167	VAISSHNAVEEY J S
168	2127230501168	VARSHITHA M
169	2127230501169	VASANTH K
170	2127230501170	VASANTHA BHAVISHYA
171	2127230501171	VELU RAHUL L
172	2127230501172	VENKATAKRISHNAN A J
173	2127230501173	VIDHYA BHARATHI A V



174	2127230501175	VIKASHINI V
175	2127230501176	VIMALKANTH A P
176	2127230501177	VINEETH I
177	2127230501178	VISHAAL G
178	2127230501179	VISHAL K R
179	2127230501180	VISHALAKSHI PL
180	2127230501181	VISHVA K
181	2127230501182	YATISH BALAJI G
182	2127230501183	YOGESH G
183	2127230501184	YUVARANJAN S

OUTCOME OF SEMINAR:

Outcomes aim to ensure that participants not only learn about Power BI but also feel empowered to apply the knowledge and skills in their day-to-day roles effectively.

- Enhanced Understanding of Power BI Capabilities
- Proficiency in Data Modeling and Transformation
- Ability to Create Interactive Reports and Dashboards
- Knowledge of DAX for Custom Calculations
- Improved Skills in Performance Optimization
- Familiarity with Power BI Service and Collaboration Features
- Insights into Integrating Power BI with Other Tools
- Hands-on Experience with Real-World Scenarios
- Problem-Solving Skills and Confidence in Using Power BI



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SCREEN SHOTS:



meet.google.com/esj-zfjy-soc?pli=1&authuser=1

6:26 PM | Technical Talk on "POWER BI" by IIC

meet.google.com/esj-zfjy-soc?pli=1&authuser=1

Structure of System

```
graph LR; subgraph Sources; Databases; Files; SaaS applications; Application events; end; Sources -- Extract --> Staging[Staging area]; Staging -- Transform --> Load; Load --> DW[Data warehouse]; DW --> Analytics;
```

6:39 PM | Technical Talk on "POWER BI" by IIC

32°C Mostly cloudy 18:39 30-03-2024



7:20 PM | Technical Talk on "POWER BI" by IIC

7:14 PM | Technical Talk on "POWER BI" by IIC



FEEDBACK

Name	Registration No	Is This Session Helpful	How Would You Rate The Speaker	Any Suggestions Regarding The Event
S ROHITH	2127230502082	Yes	4	GOOD
Shree Kowsik S B	2127230502144	Yes	5	no
S SADHANA	2127230501123	Yes	5	The session was very informative and interesting
Nithyanandam S	2127230501098	Yes	4	late to start the session
VISHNU PRASAD P N	2127230502117	Yes	4	Provide some more informative sessions
Arthi Balaji	2127230501018	Yes	5	Would loved it more if it was offline
T. R THIRUNAVUKARASU	2127230501166	Yes	5	nope..
Sashwanth V S	2127230501133	Yes	5	nothing
Sarvesh Ragav B	2127230501131	Yes	5	GOOD
Roshini S	2127230501121	Yes	5	No
Salma Siddique	2127230501125	Yes	4	nothing
Sunil daran	2127230501154	Yes	5	GOOD
Saranya	2127230501129	Yes	5	The timings were a bit of problematic apart from that no problems
Tanish M	2127230501158	Yes	5	Na
Yuvaranjan S	2127230501184	Yes	5	It was a really good session. Happy to be a part of this session . But the session could have been more interactive and provide hands on experience.
M.Shashank	2127230501139	Yes	5	It was a very good session. Thank you.
Arun Vellayan Srinivasan	2127230501019	Yes	4	Good
Abhinaya V	2127230501003	Yes	5	No
K.Adithi	2127230501008	Yes	5	The event was really helpful and i suggest to oragnise more events like this.