



SRI VENKATESWARA COLLEGE OF ENGINEERING

ASSOCIATION OF INFORMATION TECHNOLOGISTS
&
DEPARTMENT OF INFORMATION TECHNOLOGY
in Association with SVCE - IQAC

Request your esteemed presence for the

Workshop

On

“Power BI & Tableau : Harnessing AI for advanced data analysis”

by

**MANIBHARATHI V
FOUNDER AND CEO,
MAGNETIC BEACON ANALYTICS**

DATE : 29.04.2024 & 30.04.2024

TIME : 10 AM - 3 PM

A Report

Submitted to the principal

*(Signature)
30/4/24*

*To: HOD-INT
Noted
30/4/24*



SRI VENKATESWARA COLLEGE OF ENGINEERING

Pennalur, Sriperumbudur Taluk- 602117

DATE : 29.04.2024 & 30.04.2024

TIME : 10 AM - 3 PM

VENUE : Library Seminar Hall

AGENDA

- Prayer Song
- Welcome address
- Introduction to Chief Guest
- Short Note by HOD - IT
- Short Note by Dean IQAC
- Two-Day Workshop
- Vote of Thanks

Event Coordinators

Dr. V.M.Sivagami, Prof/IT

Dr. A.Kala, ASP/IT



DEPARTMENT OF INFORMATION TECHNOLOGY

IN ASSOCIATION WITH

SVCE- IQAC

ORGANIZES

TWO DAY WORKSHOP

ON

**POWER BI AND TABLEAU:
HARNESSING AI FOR ADVANCED
DATA ANALYSIS**

BY

**MANIBHARATHI V
FOUNDER AND CEO,
MAGNETIC BEACON ANALYTICS**



**29th and 30th April, 2024
10am- 3pm**



Library Seminar Hall, SVCE



[Click here to register!](#)

Dr V Vidhya & Dr S Gopinath

Convenors

Dr V M Sivagami & Dr A Kala

Coordinators

SRI VENKETESWARA COLLEGE OF ENGINEERING

PENNALUR, SRIPERUMBUDUR-602117

REPORT ON Power BI & Tableau Workshop

WORKSHOP DETAILS :

1. Resource Person : **Mr. Manibharathi V**
2. Target Audience : II year students of IT & Faculty
3. Venue : Library Seminar Hall
4. Date & Time : 29th & 30th April, 2024

OBJECTIVES :

- ◆ Familiarize participants with the capabilities and benefits of Power BI and Tableau for data visualization and analysis.
- ◆ Provide participants with practical experience using both Power BI and Tableau through interactive exercises and demonstrations.
- ◆ Teach participants how to connect various data sources to Power BI and Tableau, including databases, spreadsheets, and cloud services.
- ◆ Enable participants to create a variety of visualizations such as charts, graphs, maps, and dashboards using Power BI and Tableau.
- ◆ Demonstrate how to add interactivity to visualizations, allowing users to drill down into data and gain deeper insights.

About the programme :

The two-day workshop on Power BI and Tableau began with Madhumitha R, Executive Member of AIT, setting the stage as the event's compère. As the melodious notes of the prayer song filled the venue, Dr. A. Kala, representing the Department of Information Technology, delivered a warm and encouraging welcome address, setting the tone for the enlightening sessions to follow. Following the welcome, Dr. V.M. Sivagami introduced the esteemed chief guest, highlighting their impressive achievements and expertise in data analysis and artificial intelligence.

The workshop's sessions were led by Mr. Manibharathi, who expertly navigated the complexities of data analysis and visualization. Participants were immersed in a blend of theory and practical examples, gaining profound insights into the vast applications and potential of data analysis. Hands-on sessions in the Marine Lab provided participants with invaluable experience in utilizing Excel spreadsheets for data analysis under Mr. Manibharathi's expert guidance.

On the second day, the focus shifted to the application and significance of Power BI and Tableau. Participants gathered at the library seminar hall, where Mr. Manibharathi provided comprehensive instruction on Power BI, demonstrating its capabilities in data visualization and analysis. Practical exercises equipped participants with the skills needed to transform raw data into actionable insights.

The workshop culminated with a session on Tableau, further enhancing participants' understanding of data visualization tools and techniques. As the event drew to a close, Dr. V. Vidhya, Head of the Department of Information Technology, and Dr. S. Gopinath, Dean of SVCE-IQAC, expressed their appreciation for the workshop's impact in preparing students for success in the field. Sanjeev Kumar, Executive Member of AIT, extended gratitude to all involved in making the workshop a success, and the event concluded with the rendition of the national anthem, leaving participants inspired and equipped with valuable knowledge and skills.

Outcomes

- Participants learned effective techniques for developing impactful visualizations that clearly convey data insights.
- They gained hands-on experience with Power BI and Tableau, focusing on dashboard creation, data manipulation, and report generation.
- They examined the strengths and weaknesses of both tools, helping them select the most appropriate one for specific use cases.
- They explored how to connect various data sources to both tools, enabling thorough data analysis.



Coordinators

HOD/IT

Convenor

EVENT PHOTOGRAPHS :



Prayer song by Rashmika R S Executive member , AIT & Rajavishalani G



Welcome Address by Dr. A kala



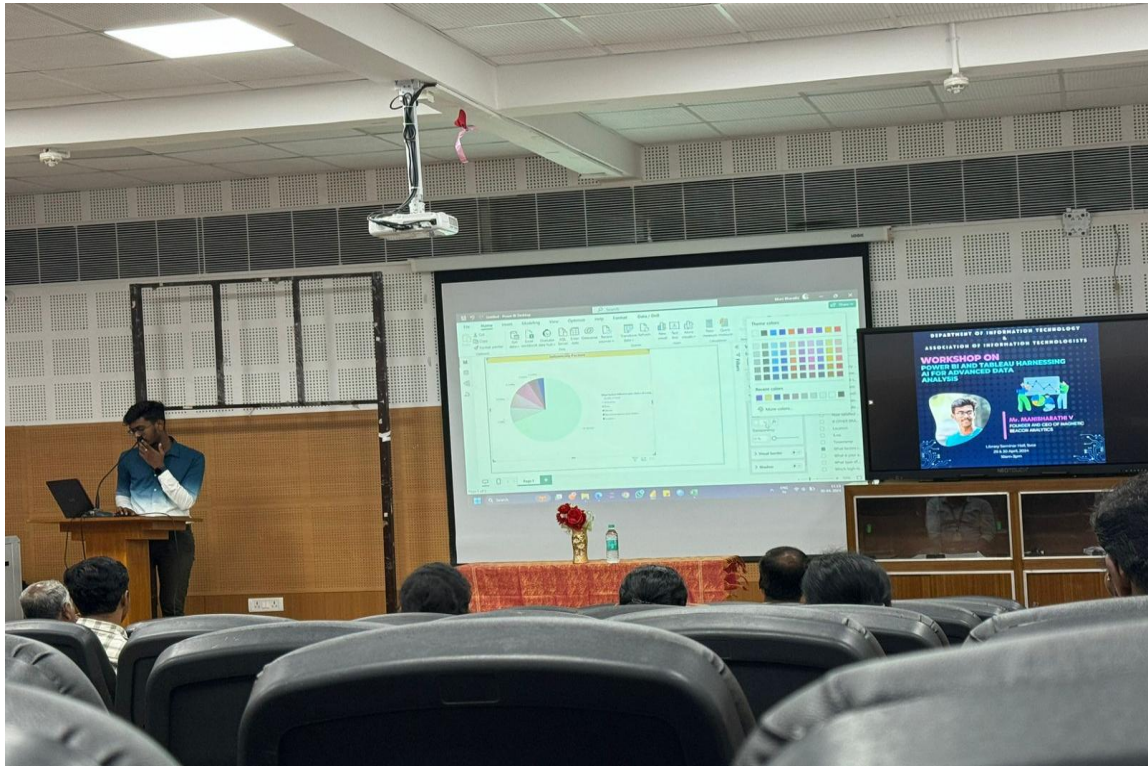
Short Note by HOD, IT



Short Note by DEAN, SVCE - IQAC



Workshop Commencement by Mr. Manibharathi (DAY - 1)



Power BI Demonstration (DAY - 2)



Honorarium Presentation to the Guest by Event Coordinators



Event Ended with National Anthem