

POWER BI

VISUALIZING DATA MADE EASY

OVERVIEW

- The workshop on Power BI aimed to equip participants with the knowledge and skills to visualize data effectively.
- Participants learned about the importance of Power BI, its functionalities, and gained hands-on experience in creating dashboards and reports.



WORKSHOP GOALS:

- Understand the significance of Power BI.
- Learn the basics of dashboard creation.
- Gain hands-on experience with data visualization tools.

WHAT IS POWER BI?

A business analytics tool developed by Microsoft which helps visualize data, gain insights, and make informed decisions.

IMPORTANCE OF POWER BI

- Transforms raw data into interactive visuals.
- Enables the building of dashboards and reports for data-driven strategies.
- Used by professionals across various fields such as Finance, Marketing, and Education.

BUILDING BLOCKS OF POWER BI

Semantics models

Organize data by connecting, transforming, and creating relationships for analysis.

Visualizations

Low code solution using drag-and-drop tools to create interactive reports and dashboards easily.

What can I do with Power BI Desktop?

Get data and create relationships



Enrich data models with new measures and formats.



Create, save, and publish reports.



DASHBOARD

- Composed of tiles that collectively tell a story.
- Tiles are visualization of data that are interactive upon hovering.
- Limited to one page, focusing on key elements.



REFLECTION



Attending the workshop was such a fun experience because I get to learn the basic of creating dashboards and gained hands-on experience with data visualization tools. I get to learn how to customize and arrange data efficiently and neatly and the process was quick too!



After participating in Power BI Workshop for CODE'25, I found a great poster creation tool -- Power BI Desktop. I learned the basics of using this software. In summary, Power BI can record huge data in a table form. It can easily edit and filter information, then create a poster based on user needs.



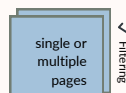
Attending my first Power BI workshop was a great learning experience. I discovered how to connect to data, create visualizations, and build dashboards. At first, it felt a bit overwhelming, but the hands-on practice made it easier to understand.



I also learned how important it is to clean and organize data before using it. The workshop showed me how visuals can tell a story and make data easier to understand. Overall, it was a valuable experience, and I'm excited to continue exploring Power BI in the future.

REPORT

A report contains multiple views of a single data source.



DASHBOARD

A dashboard provides a single summary that is derived from one or more reports.



KEY COMPONENTS

APP

An app is a collection of dashboards and/or reports, which are designed to be packaged and shared.

CONCLUSION

In conclusion, the Power BI workshop successfully introduced participants with the skills to utilize this powerful analytics tool for data visualization. Through theoretical insights and hands-on practice, participants learned to transform raw data into interactive dashboards. The knowledge gained from this workshop will undoubtedly serve as a foundation for further exploration of data analytics tools.



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