CODE'25 POWER BI WORKSHOP

EXECUTIVE SUMMARY

The PowerBI Workshop organised by PERSAKA in conjunction with CODE'25 exposed participants to the PowerBI application developed by Microsoft.

Dr. Haslina binti Hashim from the Faculty of Computing had joined the session to teach participants on the basics of PowerBI. In the workshop, participants were able to gain fundamental knowledge on how to use PowerBI and its applications such as converting data from Microsoft Excel into a report.

PowerBI is often used by upper management to easily visualise and present data to allow them to make sales decisions or strategic moves.

WHY POWERBI???

User-Friendly Interface
- Suitable for beginners and professionals

Comprehensive Data Connectivity
- With more than 100 platforms available such as Excel and SQL enables the easy integration of data

AI-Powered Analytics

Built-in Security Features

REFLECTION

This workshop provided us valuable insights on Microsoft's PowerBI application. It gave us an exciting opportunity to learn outside of the curriculum. We have learnt that data, a very important asset in the modern world gains even more power through visualisation. Dashboards and reports are more aesthetically pleasing than just boring numbers, which PowerBI helps to achieve.

This workshop has proved its significance in our course as it toys with data and its analysis and presentation which touches on data engineering and aids networks specialists for threat analysis and real-time monitoring.

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INTRODUCTION

Power BI is a business analytics tool by Microsoft that helps you **visualise data**, **gain insights** and **make informed decisions**.

- ✓ **Transform** raw data into sunning visuals.
- ✓ **Build** interactive dashboards and reports
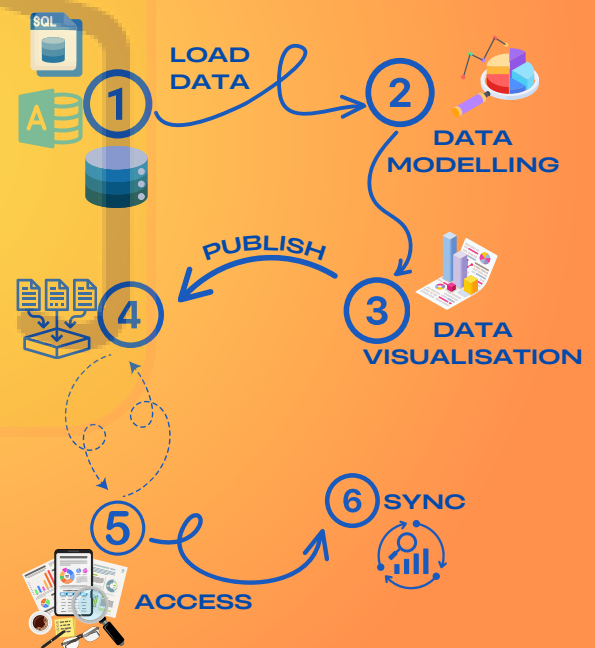- ✓ **Analyse** trends and patterns for smarter strategies

WHO USES IT?

- Professionals in Finance, Marketing, Education and more.
- Organisations seeking data-driven solutions.

POWERBI'S GENERAL USE FLOW

1. LOAD DATA
2. DATA MODELLING
3. DATA VISUALISATION
4. PUBLISH
5. ACCESS
6. SYNC

FEATURES

- Collaboration and sharing
- Data Reusing
- Integration with Microsoft Apps
- Data Visualisation
- Dashboards and Reports
- Data Connectivity