

POWER BI COURSE SYLLABUS FOR KIDS

❖ Day 1: Introduction to Data and Visualization

- Understanding what data is and its importance
- Introduction to data visualization and its role in understanding data
- Exploring examples of data visualization in everyday life

❖ Day 2: Getting Started with Power BI

- Introduction to Power BI and its features
- Navigating the Power BI interface
- Hands-on practice importing data into Power BI

❖ Day 3: Creating Basic Visualizations

- Learning how to create basic visualizations (such as bar charts, line charts, and pie charts) in Power BI
- Understanding different types of data and their appropriate visualizations
- Hands-on practice creating simple visualizations with sample data

❖ Day 4: Advanced Visualizations

- Exploring advanced visualization options in Power BI (such as maps, scatter plots, and heatmaps)



- Learning how to customize visualizations to convey information effectively
- Hands-on practice creating advanced visualizations with sample data

❖ Day 5: Working with Data Relationships

- Understanding the concept of data relationships in Power BI
- Learning how to create and manage relationships between different data tables
- Hands-on practice creating relationships and exploring related data

❖ Day 6: Introduction to Data Analysis

- Introduction to basic data analysis techniques (such as sorting, filtering, and grouping) in Power BI
- Understanding the importance of data analysis in making informed decisions
- Hands-on practice analyzing data and drawing insights using Power BI

❖ Day 7: Introduction to Dashboards

- Understanding what dashboards are and their importance in data visualization
- Learning how to create and customize dashboards in Power BI
- Hands-on practice creating a simple dashboard with visualizations

❖ Day 8: Introduction to Reports



- Understanding the difference between dashboards and reports
- Learning how to create and customize reports in Power BI
- Hands-on practice creating a report with multiple visualizations

❖ Day 9-12: Application Projects

- Students work on individual or group projects applying Power BI skills learned so far
- Projects may include creating interactive dashboards, analyzing data sets, or presenting insights
- Guidance and feedback provided by instructors as students work through their projects

❖ Day 13-14: Project Presentations and Feedback

- Students present their completed projects to peers or parents
- Feedback session: peers provide constructive feedback on each other's projects
- Reflection: students reflect on their learning experience and the application of Power BI skills in their projects

❖ Day 15: Review and Recap

- Reviewing key concepts covered throughout the course
- Recapping important Power BI features and techniques
- Providing additional practice opportunities and challenges for students to reinforce their learning

