



DATA ANALYSIS COURSE



DATA Analysis Course

Data Analysis Mastery:

Embark on a transformative journey to master the art of data analysis with this all-encompassing course. Designed for aspiring data enthusiasts and professionals alike, this course will equip you with the skills to harness the power of Excel, Power BI, Tableau, and Google Looker.

Course Highlights:

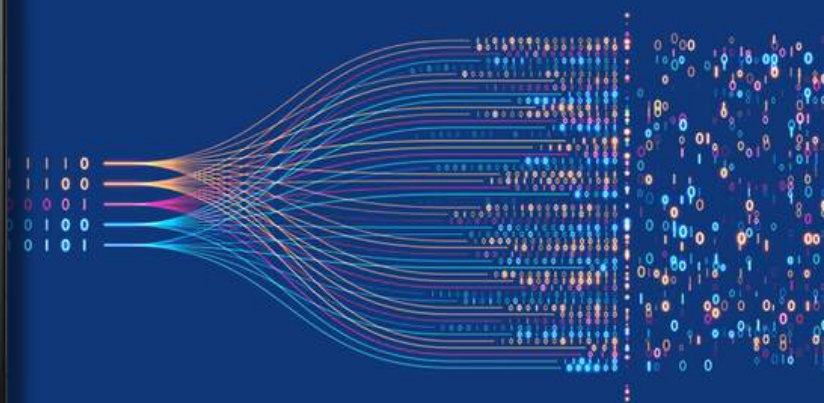
- **Excel:** Unlock advanced features and BI techniques to turn raw data into actionable insights.
- **Power BI:** Create interactive dashboards and visualizations that bring your data to life.
- **Tableau:** Dive into sophisticated data visualization and storytelling to communicate complex data effortlessly.
- **Google Looker:** Leverage Looker's powerful data exploration and analysis capabilities to uncover hidden trends and patterns.



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What You'll Learn:

- **Integrate BI Techniques:** Seamlessly blend BI tools with Excel for enhanced data analysis.
- **Develop Interactive Dashboards:** Craft visually stunning and interactive dashboards using Power BI and Tableau.
- **Advanced Data Visualization:** Master the art of data storytelling with Tableau's intuitive interface.
- **Comprehensive Data Analysis:** Utilize Google Looker to explore and analyze data from multiple sources, providing a holistic view of business performance.
- **Forecasting and Predictive Analysis:** Use advanced BI tools to forecast future trends and make data-driven decisions.



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Course Objectives:

- Explore and extend a classic Excel dashboard
- Explore and extend an Excel data model
- Create data visualizations in Excel
- Create a Power BI dashboard with Excel
- Introduction to Self-Service BI Solutions
- Shaping and Combining Data
- Modeling data Module
- Pre-format and import a .CSV file
- Import data from a SQL Server database
- Import data from a report
- Create measures using advanced DAX functions
- Interactive Data Visualizations
- Direct Connectivity Module
- Power BI mobile app



Introduction to Data Analysis:

- Big data & Data Analysis
- Data Analyst (Thinking)
- Data Analysis & Data Analytics
- Data Analysis & Business intelligent tools



DATA Analysis Course

Course Modules (Total Course Hours)		42 Hours		
Module 1: Data Analysis in Excel		Lectures	Hours	Total
• Classic Data Analysis with Excel • Excel Pivot Tables • Limitations of Classic Data Analysis		3	6	6
Module 2: The Excel Data Model		Lectures	Hours	Total
• Using an Excel Data Model • DAX Terminology • Create Calculated Columns • Format Data Model Data • Create Measures • Analyze the Data		4	8	8
Module 3: Importing Data from Files		Lectures	Hours	Total
• Importing Data into Excel • Shaping and Transforming Data • Loading Data		2	4	4
Module 4: Importing Data from Databases		Lectures	Hours	Total
• Import Data from SQL Server • Import Data from a CSV File • Create a Data Table		2	4	4
Module 5: Importing Data from Excel Reports		Lectures	Hours	Total
• Import Data from Excel • Transform the Excel Data • Load the Data into an Excel Data Model		2	4	4
Module 6: Creating and Formatting Measures		Lectures	Hours	Total
• Explain what DAX is and when to use it • Describe a measure • Use some of the advanced functions within DAX		4	8	8
Module 7: Visualizing Data		Lectures	Hours	Total
• Create a Tabular Report • Create a Pivot Chart • Add Slicers to Charts		4	8	8
Programs Used:		Lectures	Hours	Total
• MS Excel • Power BI Desktop • SQL • Tableau • Google Looker		21	42	42

Cost: 3800 EGP
Study Mode: Online

Contact Us

WE LOOK FORWARD
TO CONTACT WITH YOU



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