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BROCHURE FOR TRAINING ON

**Advance Visualization and
Dashboards Design with MS Excel**



Course objective

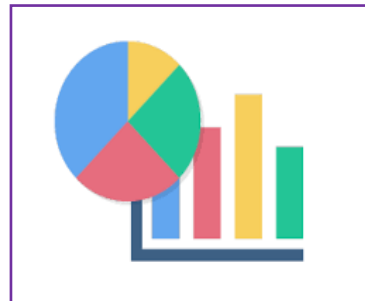
This course is designed to take your data Visualization skills to next level using MS excel. It is not a beginner level course, thus it is expected that you are already familiar with the basics of Excel and does not cover other areas in details (such as Macros, data analytics, formulas ETC).

The objective of this course is to provide a detailed step by step guide to all the available charts and how to implement them in your dashboard effectively, furthermore this course then takes a more advanced approach to the demonstrate a number of tips and tricks to end telling capabilities.

While this course focuses mainly on creating impactful engaging, dynamics and interactive data visualization using charts and graphs, we will provide a comprehensive framework to handle dashboards projects an practice quite a bit on diversified case studies.

Who is this course for?

- Working professionals from various field such as Finance, Supply Chain, Marketing, HR, Sales, Any Other Profession.
- Freelancers looking to master Excel based visualization skills to improve their earning potential.



Duration and Price Details

- 18 hours course, 6-8 weeks long
- 2 classes of 1 and a half hours per week
- Recorded sessions available 24/7 on the LMS uploaded within 24 hours of the class
- Online support during business hours available
- Weekly Progress report to HR where enrolled by Company
- Price PKR 39,900 per person.

Course outline

1. Excel Charts and Graphs Customization

- Introduction
- Chart Properties (Move & Size)
- Hidden Chart Source Data
- Chart Elements, Layouts, Colors & Styles
- Chart Formatting Options
- Changing Chart Types & Secondary Axis
- Creating, Modifying and Applying Custom Templates

2. Mastering Basic Charts and Graphs

- Bar and Column Charts
- Histogram and Pareto Charts (2016+)
- Line Charts & Trendlines (with basic forecasting)
- Area Charts
- v. Pies, Donuts and Race Tracks
- vi. Scatter Plots and Bubble Charts
- Box & Whisker Charts (2016+)
- Tree Maps & Sunburst Charts (2016+)

- Waterfall Charts
- . Funnel Charts
- Radar Charts
- Stock Charts
- Heat Maps
- Surface and Contour Charts
- Geo-Spatial Maps with Power Map
- xvi. Basic Combo Charts
- Sparklines
- Filled Maps (2016+)

3. Advance Charts and Graphs in Excel

- Custom Image Overlay Charts
- Adding Binary Values to Highlight Dates
- Automation with OFFSET, COUNTA and Named Ranges
- Adding Zoom and Scroll Functionality Using Form Control
- Animating Changes Over Time
- Building A Dynamic Dashboard
- Value Based Dynamic Formatting
- Dynamically Highlighting A Data Series
- Building A Custom Pacing Chart
- Designing A Custom Gauge Chart
- Visualizing Percentages Using Array Functions
- Goal Pacing With Gauge Chart



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4. Introduction to Visualization and Dashboard Best Practices

- Key Data Visualization Principles
- Good vs Bad Practices
- Key Questions
- Essential Visuals
- Quick Analysis Tools
- Customizing Charts To Tell A Story
- Story Telling Tips
- What is a Dashboard?
- Types of Dashboards
- Critical Elements of Dash boards
- Custom Image Overlay Charts
- Adding Binary Values to Highlight Dates
- Automation with OFFSET, COUNTA and Named Ranges

CS1: Toy Store Chain Sales Data
CS2: Hotel Group Booking Data
CS3: US Labor Statistics

Course Resources

- Power point slides for ready reference (hands outs)
- Raw Data files for training purpose
- Hand-on class projects with solutions
- Access to recorded lectures post live class



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For Payment

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Trainer's Profile



Mr Jawad Nagda

An expert level Management Accountant (17+ years) turned Data Analyst (5+ years) having developed core competencies in the areas of Accounting, Finance, Controlling, Audit, Planning, and Analysis, He helps corporations attain Finance/Digital Transformation, Revenue Maximization, Cost Minimization, and Effective Capital Utilization through leveraging Analytics Business Partnering.



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