

EXCEL DATA ANALYSIS TRAINING (e-DAT)

Redefine Your Analytics Journey with Data Discovery & Analytics

Duration

12 - 15 Days

Taught By

Excel Analytics

Fees

INR 8500

DESCRIPTION

Learn Analytics from start, through detailed discussions on topics & working on live industry projects using Excel tools & Functions.

ASK TO YOURSELF

Analysis of data is a process of inspecting, cleaning, transforming, and modeling data with the goal of discovering useful information, suggesting conclusions, and supporting decision-making

ELIGIBILITY

- ✦ Basic understanding of statistics (like mean, median)
- ✦ Basic understanding of excel formulas (like sum function)
- ✦ Most important: Love for numbers and data!

AUDIENCE

- ✦ Working Professionals
- ✦ Young Entrepreneurs
- ✦ Students

TOOLS AND TECHNIQUES

- ✦ MS Excel Analysis ToolPak - Add-Ins ✓
- ✦ **SAS** data analytics tools ✕
- ✦ Business analytics **R** tool ✕
- ✦ Tableau data analytics tool ✕
- ✦ Google Fusion Tables etc. ✕

TRAINING PROGRAM STRUCTURE: EXCEL DATA ANALYSIS

This section illustrates the powerful features Excel has to offer to analyze data.



PART: A – TOOLS

- ✦ **Sorting:** You can sort your Excel data on one column or multiple columns. You can sort in ascending or descending order.
- ✦ **Filter:** Filter your Excel data if you only want to display records that meet certain criteria.
- ✦ **Conditional Formatting:** Conditional formatting in Excel enables you to highlight cells with a certain color, depending on the cell's value.
- ✦ **Tables:** Tables allow you to analyze your data in Excel quickly and easily.
- ✦ **Charts:** A simple Excel chart can say more than a sheet full of numbers. As you'll see, creating charts is very easy.
- ✦ **Pivot Tables:** Pivot tables are one of Excel's most powerful features. A pivot table allows you to extract the significance from a large, detailed data set.
- ✦ **What-If Analysis:** What-If Analysis in Excel allows you to try out different values (scenarios) for formulas.
- ✦ **Solver:** Excel includes a tool called solver that uses techniques from the operations research to find optimal solutions for all kind of decision problems.
- ✦ **Analysis ToolPak:** The Analysis ToolPak is an Excel add-in program that provides data analysis tools for financial, statistical and engineering data analysis.

PART: B - STATISTICAL FUNCTIONS

SUBTOTAL	ROUND	MEDIAN	MODE	MIN	MAX	F9 KEY
SMALL	LARGE	IF	AND	OR	SUMIF	SUMIFS
COUNTIF	COUNTIFS	AVERAGE	COUNTA	RANK	DATEDIF	EDATE
VLOOKUP	MATCH	LOGNORMDIST	POISSON	STANDARDIZE	STEDV	STDEVA
STDEVP	STDEVPA	TDIST	VAR	VARA	VARP	VARPA

ANALYSES

