

## Data Analytics Using Excel

**2 Weeks / 30 Hrs. (3 Hrs. per day)**

**Medium of Instruction: Bilingual (English & Hindi)**

### Objective

The chief aim of data analytics is to apply statistical analysis and technologies on data to find trends and solve problems. Data analytics has become increasingly important in the enterprise as a means for analyzing and shaping business processes and improving decision-making and business results.

10 Standard with Basics Knowledge of Ms-Excel

### Eligibility

### Prerequisite

Candidate must have computer/laptop  
Internet connection

Rs.1050/- +GST

### Course Fees

### Certificate

Certificate will be provided to the participants after the online test, conducted at the end of the course.

- ✓ Instructor-led live classes
- ✓ Instructor-led hands-on lab sessions.
- ✓ Content Access through e-learning portal
- ✓ Assessment and Certification

### Methodology

### Intended

Candidates who are interested to learn about Data Analytics and have knowledge of MS-Excel only can benefit from this course.

The learner will learn Advanced features of spreadsheet , use of advanced analysis function for coorelation etc.

**Course Content**

<b>Group</b>	<b>Data Science</b>
<b>Course</b>	<b>Data Analytics Using Excel</b>
<b>Duration</b>	<b>30 hours</b>

<b>S.No.</b>	<b>Topic</b>	<b>Brief Contents</b>
01	Introduction to Data Science	<ul style="list-style-type: none"><li>• Data and information</li><li>• Data Analytics</li><li>• Data Science</li><li>• Data Science Tools</li></ul>
02	Data Science Techniques	<ul style="list-style-type: none"><li>• Role of Maths and Statistical techniques in Data Science</li><li>• Probability and Statistics</li><li>• Regression analysis</li><li>• Descriptive statistics</li><li>• Linear Regression</li><li>• Logistic Regression</li></ul>
03	Advanced Features of Spreadsheet	<ul style="list-style-type: none"><li>• Data, table &amp; formatting</li><li>• Conditional formatting</li><li>• Advanced charting</li><li>• Pivot Table &amp; VLookup</li><li>• Data validation</li><li>• Filtering</li><li>• What if analysis</li></ul>
04	Data Science with Spreadsheet	<ul style="list-style-type: none"><li>• Loading analysis tool pak</li><li>• Use of advanced analysis function for ANOVA, Correlation, descriptive statics, regression</li></ul>

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