

Data Science & Analytics: Unlock Insights from Data(Online)

Master Data Science, Analytics, and Visualization Tools to Analyze and Interpret Data for Informed Decision Making

WHAT YOU'LL LEARN

- Analyze and clean data using Python and popular libraries like Pandas and NumPy.
- Apply statistical analysis techniques and machine learning models to extract insights from data.
- Visualize data using tools like Matplotlib, Seaborn, Tableau, and Power BI to communicate findings.
- Use real-world datasets to build predictive models and generate actionable insights for business decisions.

REQUIREMENTS

Basic knowledge of mathematics and statistics is helpful but not mandatory.

A computer with Python and necessary libraries installed (e.g., Pandas, NumPy).

A passion for working with data and solving complex analytical problems. A passion for working with data and solving complex analytical problems.

WHO'S THIS COURSE IS FOR

Beginners interested in data science and analytics with no prior experience required.

Professionals and students looking to enhance their skills in data analysis for career growth.

Entrepreneurs or business owners who want to leverage data to make informed decisions and improve operations.

DESCRIPTION

The **"Data Science & Analytics"** course is designed to provide hands-on experience in working with data, performing statistical analysis, and building predictive models. Through real-world datasets and industry-standard tools, students will gain the skills necessary to analyze data and extract meaningful insights.



₹ 47000 ~~₹ 50000~~

6% off



Date

15 May to 15 Nov 2025

Time

10:30 AM - 03:00 PM

Total Sessions (Hours)

100 (150h 0min)

Level

All

Language

Hindi



Vinod Sonava

Instructor

Instructor Rating

5

Courses

22

- **Duration:** 6 Months
 - **Start Date:** Option to start today also, instructor will adjust you to recently started batch. **Enroll now**
 - **Days:** 6 days/weekl
 - **Timings:**10:00 am to 3:30 pm (Choose your 2 hr as per you convenience)
 - **Mode:** Online
 - **Languages:** English, Hindi & Gujarati
 - **Fees:** INR 47,000/-
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Course Modules

Module 1: Introduction to Data Science & Analytics

- What is data science?
- Understanding structured and unstructured data.
- Overview of data-driven decision-making.

Module 2: Data Manipulation with Python

- Introduction to Python for data science.
- Working with Pandas and NumPy for data analysis.
- Cleaning and preprocessing datasets.

Module 3: Data Visualization & Storytelling

- Creating visualizations using Matplotlib and Seaborn.
- Interactive dashboards with Tableau.
- Best practices for data storytelling.

Module 4: Statistical Analysis & Probability

- Descriptive vs. inferential statistics.
- Hypothesis testing and probability distributions.
- Correlation and regression analysis.

Module 5: Machine Learning Basics

- Understanding supervised and unsupervised learning.
- Regression techniques for prediction.
- Classification models (e.g., decision trees, logistic regression).
- Clustering techniques like K-means and hierarchical clustering.

Module 6: Working with Real-World Data

- Handling large datasets and missing values.

- Feature engineering and data transformation.
- Case studies: Applying analytics to business problems.

Module 7: Presenting Data Insights

- Writing data reports and business summaries.
- Communicating findings with stakeholders.
- Using data to drive strategic decisions.

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By the end of this course, you'll have the technical skills and analytical mindset required to work in data science and analytics, enabling you to solve real-world problems and make data-driven decisions. Whether you're looking to launch a career in this field or enhance your analytical abilities, this course provides the perfect starting point.