

FULL CURRICULUM • 2026

Data Science

Turn raw numbers into decisions companies pay handsomely for.

Every module, every lesson — the complete syllabus, end to end.

26

MODULES

77

LESSONS

7

MONTHS

₹28,500

FULL PROGRAMME

What this course covers

1

Level 1 • Beginner

Introduction to DS • Introduction to Python Operator datatype • Python Conditional statements

2 months • 8 modules • 24 lessons • ₹7,500

2

Level 2 • Intermediate

EDA • Data Preprocessing • Statistics

2 months • 8 modules • 22 lessons • ₹9,000

3

Level 3 • Advanced

Random Forest • Boosting Stacking • KNN

3 months • 10 modules • 31 lessons • ₹12,000

The whole journey

This is the complete syllabus for Data Science — 26 modules and 77 lessons, in the order you will learn them. The level markers show how far each stage carries you, but the curriculum runs as one continuous path from the first lesson to the last.

1

LEVEL 1

Beginner

Introduction to DS · Introduction to Python Operator datatype · Python Conditional statements

2 months · 8 modules · 24 lessons · ₹7,500

- **1. Introduction to DS** 3 lessons

 - What is Data Science Trial
 - What is Data Science Full
 - Data Science Case Studies
- **2. Introduction to Python Operator datatype** 3 lessons

 - Getting Start with python
 - Identifiers_datatypes
 - Python Operators
- **3. Python Conditional statements** 3 lessons

 - Conditional if elif
 - Loop while for
 - Nested loop continue break
- **4. Python Data Structure** 4 lessons

 - String part1
 - String part2
 - List Comprehension
 - Tuple Sets
- **5. Functions Lamda in Python** 2 lessons

 - Function map lamda
 - Function Casestudy banking
- **6. Numpy** 2 lessons

 - Numpy Insurance
 - Numpy casestudy
- **7. Pandas** 3 lessons

 - Pandas 1
 - Pandas 2 NA sort group
 - Pandas 3 Casestudy healthcare



8. Visualisation matplotlib seaborn plotly

4 lessons

- Matplotlib Visualisation
- Seaborn Visualisation
- Casestudy Matplot Seaborn
- Plotly

2

LEVEL 2

Intermediate

EDA · Data Preprocessing · Statistics

2 months · 8 modules · 22 lessons · ₹9,000



9. EDA

2 lessons

- EDA 1
- EDA 2 Transform Feature Engg



10. Data Preprocessing

2 lessons

- Data wrangling File Handling
- Data Preprocessing



11. Statistics

6 lessons

- Descriptive stats
- Inferential stats
- Probability
- Hypothesis Testing 1
- Hypothesis test case study python prog
- Type 1 Type 2 Error



12. ML Concept Types

1 lessons

- ML Concepts Types



13. Simple Linear Regression

2 lessons

- Linear Regr Concept Python OLS
- Simple Lin Reg 1



14. Multiple Linear Regression

3 lessons

- MLR Evaluation Techniques
- Multi Linear Reg Python
- Non Linear Polynomial



15. Logistic Regression ML model

3 lessons

- Logistic Case study claimant
- Logistic Regr Python Churn
- Logistic Regression Concept



16. Decision Tree

3 lessons

- Decision Tree Concept
- Decision Tree Case study Mushroom
- Decision Tree Gini Python imple

Advanced

Random Forest · Boosting Stacking · KNN

3 months · 10 modules · 31 lessons · ₹12,000

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|---|--|
| <p>○ 17. Random Forest</p> <ul style="list-style-type: none"> • Random Forest Concept • Random Forest Maths | <p>3 lessons</p> <ul style="list-style-type: none"> • Python red wine Random Forest |
| <p>○ 18. Boosting Stacking</p> <ul style="list-style-type: none"> • AdaBoost • Gradient Boosting | <p>3 lessons</p> <ul style="list-style-type: none"> • Stacking Ensemble |
| <p>○ 19. KNN</p> <ul style="list-style-type: none"> • KNN Case study Diabetic | <p>2 lessons</p> <ul style="list-style-type: none"> • KNN Concept python |
| <p>○ 20. Naive Bayes</p> <ul style="list-style-type: none"> • Naive Bayes | <p>2 lessons</p> <ul style="list-style-type: none"> • Naive Bayes Titanic Python Case study |
| <p>○ 21. Unsupervised Learning K Means</p> <ul style="list-style-type: none"> • Unsupervised ML Clustering • K-means Algo • Kmeans Python Univ | <p>6 lessons</p> <ul style="list-style-type: none"> • Hierarchical Clustering • Hierarchical Customer Segment • PCA Concept Casestudy |
| <p>○ 22. Model Evaluation & Tuning</p> <ul style="list-style-type: none"> • Cross Validation Techniques | <p>1 lessons</p> |
| <p>○ 23. NLP</p> <ul style="list-style-type: none"> • NLP Concept Token • NLP lemit stemming • NLP Case study stemVslemat | <p>5 lessons</p> <ul style="list-style-type: none"> • TF IDF NLP case study • NLP NB Email Spam |
| <p>○ 24. Time Series Forecasting</p> <ul style="list-style-type: none"> • Time Series Concept • Time Series visuali data prep • TimeSeries Stationarity | <p>6 lessons</p> <ul style="list-style-type: none"> • ACF PACF • ARIMA Model • SARIMA Model Forecasting |

○ 25. Capstone Project

2 lessons

- Capstone project - Cardiac Diagnosis Part-1
- Capstone project - Cardiac Diagnosis Part-2

○ 26. Model Deployment

1 lessons

- Model Deployment

Certificates & what comes next

You receive a certificate at the end of every level you finish. Join for a single level or the full programme — the choice is yours. Learners who stand out may be invited to work on live client projects as interns; these places are merit-based, limited, and depend on projects being available.