



FOUNDATION COURSE IN DATA SCIENCE

Pickl.AI

www.pickl.ai

DATA SCIENCE PROGRAM OVERVIEW

The Foundation Course in Data Science acquaints you with all the aspects of data, from visualization to analysis, interpretation and then presentation. It uses scientific methods, processes, algorithms, and systems to scrutinize the data and derive useful insights that help create valuable strategies.

This is a perfect Data Science course for college graduates willing to explore newer career avenues. With Data Science having a growing impact across the business spectrum, there will be a rise in the demand for Data Science experts. And with a Certification in Data Science for Bachelors, one can easily stay ahead of the curve.

Irrespective of the business size, data is a great value addition for any organization. You can also participate in this growth by enrolling online in the best Data Science and Analytics course.

COURSE FEATURES



Learn from the
Industry-Experts



Comprehensive
Learning Modules



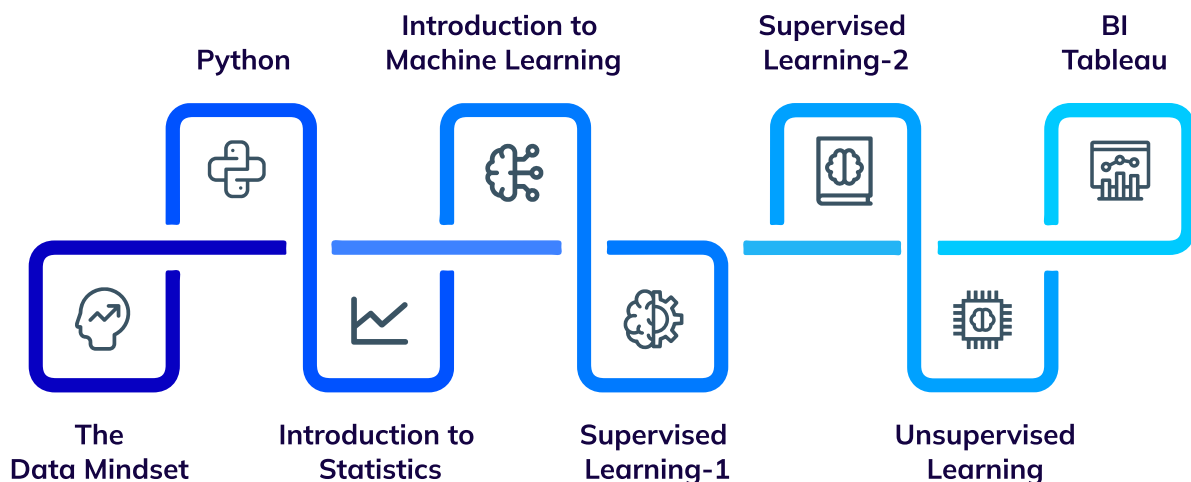
Complete Support
and Assistance



A Complete Immersive
Learning Experience



USER JOURNEY



Learning outcomes

Intellectual familiarity with the world of AI

The ability to technically understand what AI can and can't do is a coveted skill already.

Get a job/internship in Data Science

Should you consider a job or internship in machine learning, the course is meant to prepare you for that.

Pursue Machine Learning in your higher academics

Data Science is domain agnostic. Try a master's thesis in your final year or even a data-intensive course for your higher studies on the basis of this course.

Coding is mythically intimidating only if you don't touch it. Start with a bit of coding in the course and then, trust us, it is an addiction of a superpower.

Course Fee

Over 40 hours of anytime learning investment is all you need to make you stand out among your peers and set you on a path available only to a select few.

Price - ₹ 1999

CURRICULUM

The Data Mindset

- Introduction to Data Analysis
- Anatomy of Data
- Tools for Analyzing Data - Excel
- Tools for Analyzing Data - SQL

Python

- Introduction to Python
- Basics of Python
- In built Data Structures in Python
- Strings
- List and Dictionary Comprehension
- Functions
- Object Oriented Programming
- Working with Files
- Exception Handling
- Numpy
- Pandas
- Visualization
- Installation of VS Code

Introduction to Statistics

- Intro to Statistics
- Types of Variables
- Measures of Central Tendency & Spread
- Measuring Position
- Histograms
- Types of Distributions
- Normal Distribution
- Central Limit Theorem
- Confidence Intervals
- T-Distribution
- Hypothesis Testing
- Examples of Hypothesis Testing
- Tutorials

Introduction of Machine Learning

- Introduction
- Learning process
- EDA_FE
- Feature Selection
- How a Model Learns
- Measuring Performance
- Model Performance
- Bias-Variance
- Visualization
- Feature Engg Demo
- Feature Scaling

Supervised Learning-1

- Introduction to Linear Regression
- Model Training - Linear Regression
- Model evaluation - Linear Regression
- Regularisation - Linear Regression
- Assumptions of Linear Regression
- Locally weighted Linear Regression
- Demonstration - Linear Regression
- Introduction to Logistic Regression
- Model Training - Logistic Regression
- Model Evaluation - Logistic Regression
- Demonstration - Logistic Regression
- Multiclass Classification

● Supervised Learning-2

- Intro to Decision Trees
- Classification Trees
- Bagging
- Boosting

● Unsupervised Learning

- K-means Clustering
- Demo-K-Means
- Hierarchical Clustering
- Association rule mining
- Demo-Association Rule Mining
- Recommendation Systems
- Business Intelligence - Tableau

● Business Intelligence - Tableau

- Introduction to Tableau
- Basics of Tableau
- Tableau Calculations
- Essential Charts
- Filters in Tableau
- Sets, Groups & Clusters
- Introduction to Advanced Concepts

● ChatGPT

- Predictive Modelling with Chat-GPT
- Stock Price Prediction





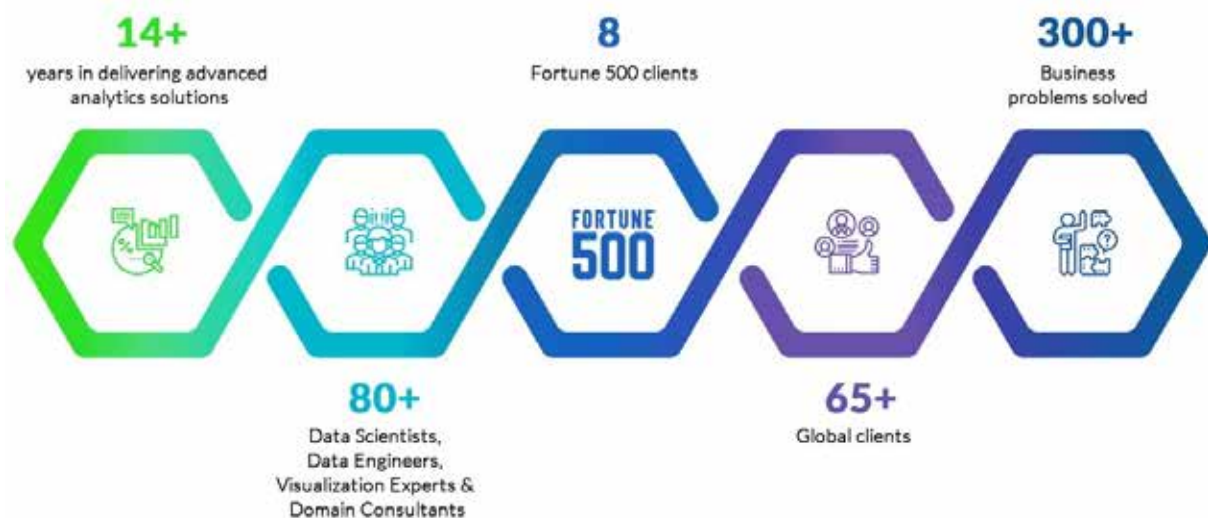
ABOUT TRANSORG ANALYTICS

TransOrg Analytics has built a scalable and cost-effective integration of 'Big Data' and 'Predictive Analytics'. The idea is to help companies make better decisions by understanding the customer's needs through data analytics. By building intelligent and scalable solutions, we help our clients to realise both their short-term tactical and long-term strategic value. Our Data Scientists have creatively used open source technologies to develop a suite of productized services and industry-centric proprietary, predictive and optimization models.

We, at TransOrg Analytics, are ready to guide you with our unique course proposition where our domain experts guide and mentor you. Real world data becomes your classmate and real-life problems would be your opportunities to solve. With 14+ years of experience in analytics, a team of 80+ Data Scientists from premier schools, TransOrg has successfully delivered over 300 projects of varying complexities for top brands across the globe.

We specialize in providing advanced analytics and Automated Machine Learning based solutions, services and products in the areas of Marketing, Operations and Risk Management to clients across the industries including Banking, Financial Services, Insurance, Asset Management, Brokerage, Retail, Consumer Packaged Goods (CPG), Telecom, Aviation and Hospitality.

A Snapshot of TransOrg Analytics



A large blue gear is centered in the upper half of the image. Inside the gear is a white circle containing the text 'Pickl.AI'. Above the gear are two horizontal blue bars and a cluster of smaller blue gears. A light blue beam of light originates from the bottom and points upwards through the center of the gear.

Pickl.AI

**CONTACT
INFORMATION**

Anju
anju@transorg.com

Shailabh Verma
shailabh.verma@transorg.com

Mobile: +91 9986704765

Register Now

www.pickl.ai

Follow us

