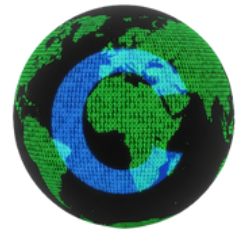


DATA SCIENCE

SMART PROFESSIONAL

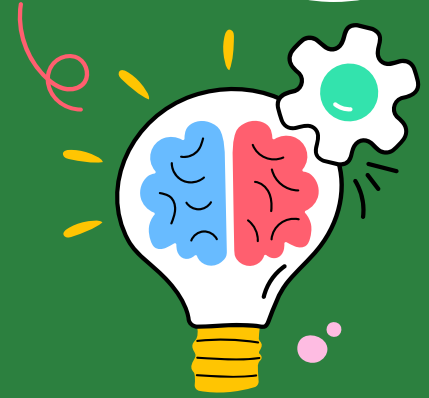


CodeSphere
ACADEMY



**STEP IN TO
DATA SCIENCE**

*Data Science unlocks insights
from data using statistics,
programming, and AI to drive
smarter decisions*



**GET TRAINED
GET PLACED**

*Hands-on training
with real projects
Boost your career and
land your dream job*



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01.

INTRODUCTION TO DATA SCIENCE

Data Science is the field of extracting meaningful insights from data using statistics, programming, and machine learning, enabling smarter decision-making, automation, and innovations across industries like healthcare, finance, business, and technology

02.

MATHEMATICS & STATISTICS FOR DATA SCIENCE

Mathematics and Statistics form the backbone of Data Science, covering probability, linear algebra, calculus, and hypothesis testing to analyze patterns, build predictive models, and make data-driven decisions effectively.

03.

PROGRAMMING FOR DATA SCIENCE

Programming for Data Science focuses on Python/R, using libraries like NumPy, Pandas, and Matplotlib to clean, analyze, and visualize data, enabling efficient problem-solving and machine learning model development.

04.

DATA COLLECTION & CLEANING DATA ANALYSIS

Data Collection & Cleaning ensures accurate, reliable datasets by removing errors and inconsistencies, while Data Analysis applies statistical, computational, and visualization techniques to uncover meaningful patterns, trends, and insights for better decision-making.

05.

MACHINE LEARNING FUNDAMENTALS & ADVANCED

Machine Learning fundamentals cover supervised, unsupervised, and model evaluation, while advanced techniques include ensemble methods, deep learning, and optimization—empowering systems to learn patterns, improve predictions, and drive intelligent automation across industries.

