

**WEBDIGI  
CAREER**

We are not only teach  
**DATA SCIENCE**

**But Also Help Builds Careers**

**FOR MORE DETAILS  
8851003394**



★ Quality Training

₹ Honest Pricing

📁 Internship Provide

🕒 9 Months Duration

# 12 INDUSTRY MODULES

## MODULE 1: INTRODUCTION TO DATA SCIENCE

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- What is Data Science?
- Applications of Data Science in real world
- Data Science lifecycle
- Roles: Data Analyst, Data Scientist, ML Engineer
- Tools & technologies overview

## MODULE 2: PYTHON FOR DATA SCIENCE

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- Python basics (variables, loops, functions)
- Data structures (lists, tuples, dictionaries)
- NumPy for numerical computing
- Pandas for data manipulation
- Data cleaning & preprocessing

## MODULE 3: STATISTICS & MATHEMATICS

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- Descriptive statistics
- Probability concepts
- Hypothesis testing
- Correlation & regression basics
- Linear algebra fundamentals



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# 12 INDUSTRY MODULES

## MODULE 4: DATA VISUALIZATION

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- Importance of visualization
- Matplotlib & Seaborn
- Creating charts (bar, line, pie, histogram)
- Dashboard basics
- Storytelling with data

## MODULE 5: SQL FOR DATA ANALYSIS

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- Database fundamentals
- SQL queries (SELECT, WHERE, JOIN)
- Aggregations (GROUP BY, HAVING)
- Subqueries
- Working with real datasets

## MODULE 6: EXPLORATORY DATA ANALYSIS (EDA)

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- Data profiling
- Handling missing values
- Feature engineering
- Outlier detection
- Data insights generation



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# 12 INDUSTRY MODULES

## MODULE 7: MACHINE LEARNING (CORE)

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- Introduction to Machine Learning
- Supervised vs Unsupervised learning
- Regression models (Linear, Logistic)
- Classification models (KNN, Decision Tree)
- Model evaluation (Accuracy, Precision, Recall)

## MODULE 8: ADVANCED MACHINE LEARNING

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- Random Forest
- Support Vector Machines (SVM)
- Clustering (K-Means, Hierarchical)
- Dimensionality reduction (PCA)
- Model tuning & optimization

## MODULE 9: DEEP LEARNING (BASICS)

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- Introduction to Neural Networks
- TensorFlow / Keras basics
- ANN concepts
- CNN overview (for images)
- Real-world applications

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# 12 INDUSTRY MODULES

## MODULE 10: TOOLS & TECHNOLOGIES

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- Jupyter Notebook
- Google Colab
- Git & GitHub basics
- Excel for data analysis
- Power BI / Tableau (optional)

## MODULE 11: REAL-WORLD PROJECTS

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- Sales prediction project
- Customer segmentation
- Sentiment analysis
- End-to-end data science project
- Case studies

## MODULE 12: CAREER PREPARATION

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- Resume building
- Portfolio (GitHub projects)
- Interview preparation
- Mock interviews
- Freelancing & job guidance

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# WHY CHOOSE US?

## COURSE HIGHLIGHTS

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- Live Projects & Case Studies
- Industry-Relevant Curriculum
- Hands-on Training
- Internship Opportunity
- Placement Assistance

## DATA SCIENCE TOOLS

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1. Python
2. SQL
3. Excel
4. Jupyter Notebook
5. Pandas & NumPy
6. Matplotlib & Seaborn
7. Scikit-learn
8. TensorFlow / Keras
9. Power BI / Tableau
10. Git & GitHub

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# Job Opportunities

## After Data Science Course

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1. Data Scientist
2. Data Analyst
3. Reporting Analyst
4. Operations Analyst
5. Machine Learning Engineer
6. AI Engineer
7. Data Engineer
8. Deep Learning Engineer
9. Computer Vision Engineer
10. Business Analyst
11. Marketing Analyst
12. Financial Analyst
13. Data Engineer

