



Newton School

Data Science Learning Pathway

Your Simple Guide to Getting Started



How is Data Shaping the World?

Tesla's autopilot feature processes over 1 billion miles of driving data to make split-second decisions that keep passengers safe.

This is the power of data science in action.



The Opportunity is Real

97M

New AI jobs by 2030

₹6-30L

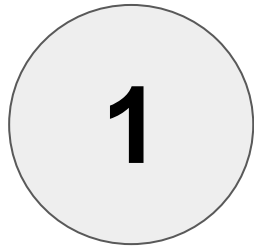
Average salary range

36%

Job growth in data
science

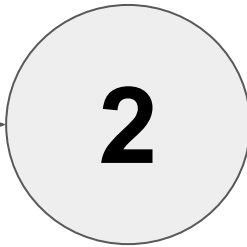


Your Journey in 3 Stages



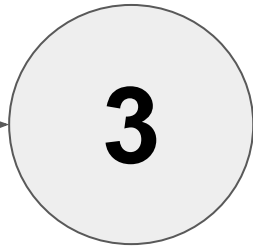
Data Analysis

3-6 months



Business Analysis

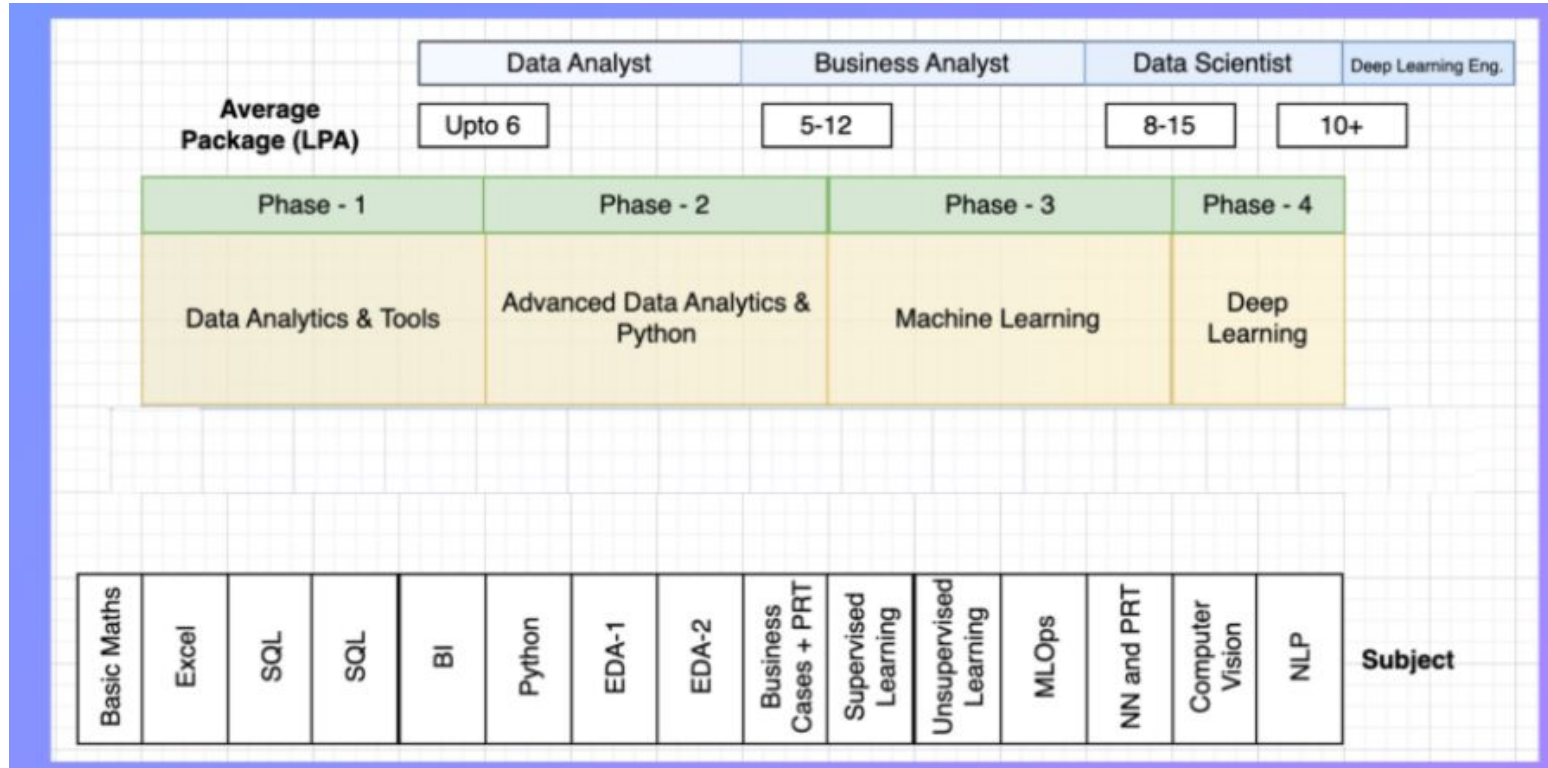
6-12 months



AI/ML Specialization

12-18 months

A Clear Roadmap





Stage 1

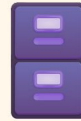
Data Analysis

3-6 months

Transform raw data into actionable insights



Excel



SQL



Power BI

Stage 2



Business Analysis

6-12 months

Predict what might happen next



Python



Statistics



Predictive Analysis

Stage 3



AI/ML Specialization

12-18 months

Build intelligent systems



Machine Learning



Deep Learning



MLOps



The Modern Advantage: AI Tools

AI tools help data scientists work faster and smarter

ChatGPT

Code assistance and
debugging

Google AutoML

No-code machine
learning

Power BI AI

Automated insights

Remember: AI enhances, doesn't replace data scientists



Your Next Steps

1. Start with Excel basics

2. Learn SQL fundamentals

3. Build your first project



Begin Your Data Science Journey Today

Every expert was once a beginner. Your data science story starts now.

Start Learning