

**SLOG SOLUTIONS PRIVATE LIMITED**  
**TECHNOLOGY: Machine Learning**  
**DURATION: 6 Weeks**

## **INTRODUCTION TO ML**

What is Machine Learning

Why Machine Learning

Introduction to Supervised  
Machine Learning

Introduction to Unsupervised  
Machine Learning

Mathematical Background for  
Machine Learning

Matrix Operations

Bayes Theorem

Statistical Knowledge

Mean , Median and Mode

Anaconda IDE

Jupyter Notebooks

Numpy

Pandas

Matplotlib

Seaborn

Scipy

Scikit Learn

Generalization

Data split and hyper parameter  
training

Data Wrangling using Pandas

Preprocessing Data and feature

Visualization

Code Exercise

