

# Intermediary Level

## Module - 1

Course duration = 3 month (3 classes a week)

Fee = 15000 pkr /month

### Course Outline:

#### 1. Python libraries:

##### **Numpy:**

Learn how to use Numpy to effectively handle arrays and matrices in advanced numerical computing.

##### **Pandas:**

Pandas enables data-driven decision-making by demonstrating the potential of data manipulation and analysis.

#### 2. Mathematical Basics:

Our comprehensive education curriculum covers the fundamental mathematical concepts that serve as the foundation for many AI and data science applications:

##### **Matrix:**

Master the technique of manipulating matrices, a vital tool in linear algebra and data analysis.

Algebra: Learn the principles of algebra and develop a thorough knowledge of equations and mathematical operations.

##### **Probabilities:**

Learn how to examine uncertain situations and make data-driven decisions by diving into the realm of probabilities.