

Introduction to Data Science

Modality: On Demand

Duration: 24 Hours

About this course:

This is the initial step in the Data Science educational plan from Microsoft. It will assist you with getting started with the program, design your learning plan, and associate with individual understudies and teaching partners. In this way, you'll get an introduction to working with and discovering information using a range of analytical, visualization, and statistical techniques.

Course Objective:

- How the MS Data Science educational program works
- The most effective method to explore the educational program and design your course plan
- Essential visualization techniques and data exploration in Microsoft Excel
- Analyzing and Visualizing Data
- An Introduction to Statistics
- Basic Statistical Analysis
- Introduction to Machine Learning

Audience:

Data Scientist

Prerequisite:

No prerequisite required for this course

Course Outline:

Module 1: An Introduction to Data

- Exploring Data
- Lab: Exploring Data

Module 2: Data Analysis Fundamentals

- Analyzing and Visualizing Data
- Lab: Analyzing and Visualizing Data

Module 3: Getting Started with Statistics

- An Introduction to Statistics

- Lab: Basic Statistical Analysis

Module 4: Machine Learning Basics

- Introduction to Machine Learning
- Lab: Machine Learning

Next Steps

- Next Steps