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**Learning Style: On Demand**

**Technology:**

**Difficulty: Beginner**

**Course Duration: 2 Hours**

## Introduction to Data Science



### About this Course:

Cybersecurity Career Guide will give you insights into the most trending technologies, the top companies that are hiring, the skills required to jumpstart your career in the thriving field of security and networking, and offers you a personalized roadmap to becoming a successful cybersecurity expert.

## Course Objectives:

- 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

## 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

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