

**Document Generated: 05/09/2026**

**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

## Credly Badge:

**Display your Completion Badge And Get The Recognition You Deserve.**

Add a completion and readiness badge to your



LinkedIn profile, Facebook page, or Twitter account to validate your professional and technical expertise. With badges issued and validated by Credly, you can:

- Let anyone verify your completion and achievement by clicking on the badge
- Display your hard work and validate your expertise
- Display each badge's details about specific skills you developed.

Badges are issued by QuickStart and verified through Credly.

[Find Out More](#) or [See List Of Badges](#)