

# MATLAB Online Tutorials

## Contents

MATLAB Online Tutorials .....	1
Week 1: MATLAB Online Tutorials.....	1
Week 2: MATLAB Online Tutorials.....	2
Week 3: MATLAB Online Tutorials.....	2
Week 4: MATLAB Online Tutorials.....	2
Week 5: MATLAB Online Tutorials.....	3
Week 6: MATLAB Online Tutorials.....	3
Week 7: MATLAB Online Tutorials.....	4
Week 8: MATLAB Online Tutorials.....	4
Week 10: MATLAB Online Tutorials.....	4
Week 11: MATLAB Online Tutorials.....	5
Week 12: MATLAB Online Tutorials.....	5
Week 13: MATLAB Online Tutorials.....	5
Week 14: MATLAB Online Tutorials.....	6
Week 15: MATLAB Online Tutorials.....	6
Week 16: MATLAB Online Tutorials.....	6

MATLAB Onramp and MATLAB Fundamentals are online tutorials from MATLAB.

## Week 1: MATLAB Online Tutorials

Time required: 60 minutes

Go to the following link: [MATLAB Onramp](#)

Complete the following Course Modules.

1. Course Overview
2. Commands

---

### **Assignment Submission**

1. Attach a screenshot to the assignment showing completion of the modules.

### **Week 2: MATLAB Online Tutorials**

Time required: 60 minutes

MATLAB Onramp is an online tutorial from MATLAB.

Go to the following link: [MATLAB Onramp](#)

Complete the following Course Modules.

1. MATLAB Desktop and Editor
2. Vectors and Matrices

---

### **Assignment Submission**

1. Attach a screenshot to the assignment showing completion of the modules.

### **Week 3: MATLAB Online Tutorials**

Time required: 60 minutes

MATLAB Onramp is an online tutorial from MATLAB.

Go to the following link: [MATLAB Onramp](#)

Complete the following Course Modules.

1. Array Indexing and Modification
2. Array Calculations

---

### **Assignment Submission**

1. Attach a screenshot to the assignment showing completion of the modules.

### **Week 4: MATLAB Online Tutorials**

Time required: 60 minutes

MATLAB Onramp is an online tutorial from MATLAB.

Go to the following link: [MATLAB Onramp](#)

Complete the following Course Modules.

1. Function Calls
2. Documentation

---

### **Assignment Submission**

1. Attach a screenshot to the assignment showing completion of the modules.

## **Week 5: MATLAB Online Tutorials**

Time required: 60 minutes

MATLAB Onramp is an online tutorial from MATLAB.

Go to the following link: [MATLAB Onramp](#)

Complete the following Course Modules.

1. Plots
2. Data Import

---

### **Assignment Submission**

1. Attach a screenshot to the assignment showing completion of the modules.

## **Week 6: MATLAB Online Tutorials**

Time required: 60 minutes

MATLAB Onramp is an online tutorial from MATLAB.

Go to the following link: [MATLAB Onramp](#)

Complete the following Course Modules.

1. Logical Arrays
2. Programming

---

### **Assignment Submission**

1. Attach a screenshot to the assignment showing completion of the modules.

## **Week 7: MATLAB Online Tutorials**

Time required: 60 minutes

Go to the following link: [Image Processing Onramp](#)

Complete the following Course Modules.

1. Introduction
2. Images in MATLAB

---

### **Assignment Submission**

1. Attach a screenshot to the assignment showing completion of the modules.

## **Week 8: MATLAB Online Tutorials**

Time required: 60 minutes

Go to the following link: [Image Processing Onramp](#)

Complete the following Course Modules.

1. Image Segmentation

---

### **Assignment Submission**

1. Attach a screenshot to the assignment showing completion of the modules.

## **Week 10: MATLAB Online Tutorials**

Time required: 90 minutes

Go to the following link: [Image Processing Onramp](#)

Complete the following Course Modules.

1. Preprocessing and Postprocessing techniques

---

### **Assignment Submission**

1. Attach a screenshot to the assignment showing completion of the modules.

## **Week 11: MATLAB Online Tutorials**

Time required: 60 minutes

Go to the following link: [Image Processing Onramp](#)

Complete the following Course Modules.

1. Classification and Batch Processing
2. Conclusion

---

### **Assignment Submission**

1. Attach a screenshot to the assignment showing completion of the modules.

## **Week 12: MATLAB Online Tutorials**

Time required: 60 minutes

Go to the following link [Statistics Onramp](#)

Complete the following Course Modules.

1. Introduction
2. Visualizing Data

---

### **Assignment Submission**

1. Attach a screenshot to the assignment showing completion of the modules.

## **Week 13: MATLAB Online Tutorials**

Time required: 60 minutes

Go to the following link [Statistics Onramp](#)

Complete the following Course Modules.

1. Visualizing Data

---

### **Assignment Submission**

1. Attach a screenshot to the assignment showing completion of the modules.

## **Week 14: MATLAB Online Tutorials**

Time required: 60 minutes

Go to the following link [Statistics Onramp](#)

Complete the following Course Modules.

1. Descriptive Statistics

Go to the following link: [Simulink Onramp](#)

Complete the following Course Modules.

1. Course Overview
2. Simulink Graphical Environment
3. Inspecting Signals

---

### **Assignment Submission**

1. Attach a screenshot to the assignment showing completion of the modules.

## **Week 15: MATLAB Online Tutorials**

Time required: 60 minutes

Go to the following link: [Simulink Onramp](#)

Complete the following Course Modules.

1. Basic Algorithms
2. Obtaining Help
3. Project – Automotive Performance Modes

---

### **Assignment Submission**

1. Attach a screenshot to the assignment showing completion of the modules.

## **Week 16: MATLAB Online Tutorials**

Time required: 60 minutes

---

## **Assignment Submission**

1. Attach a screenshot to the assignment showing completion of the modules.