

IBM: PY0101EN
Python for Data Science

Courses & Projects

Badges

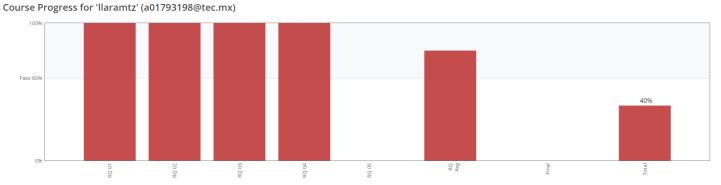
Learning Paths



Course

Progress Dates Discussion Resources





Welcome!

Welcome to Python 101 for Data Science! (2:28)

No problem scores in this section

**About This Course** 

**General Information** 

No problem scores in this section

Learning Objectives

No problem scores in this section

Syllabus

No problem scores in this section

**Grading Scheme** 

No problem scores in this section

Change Log

No problem scores in this section

Module 1 - Python Basics

**Learning Objectives** 

No problem scores in this section

Your First Program (1:15) (2/2) 100% Practice Scores: 1/1 1/1

Types (2:57) (2/2) 100%

Practice Scores: 1/1 1/1

Expressions and Variables (3:50)

No problem scores in this section

Lab - Write Your First Python Code!

No problem scores in this section

String Operations (3:53) (2/2) 100%

Practice Scores: 1/1 1/1

Lab - String Operations

No problem scores in this section

Review Questions (5/5) 100%

Review Ouestions

Problem Scores: 1/1 1/1 1/1 1/1 1/1

Module 2 - Python Data Structures

**Learning Objectives** 

No problem scores in this section

**Lists and Tuples (8:46)** (1/2) 50%

Practice Scores: 0/1 1/1

Lab - Lists and Tuples

No problem scores in this section

Sets (5:12) (2/2) 100%

Practice Scores: 1/1 1/1

Lab - Sets

No problem scores in this section

Dictionaries (2:24) (2/2) 100%
Practice Scores: 1/1 1/1

Lab - Dictionaries
No problem scores in this section

Review Questions (5/5) 100%

Module 3 - Python Programming Fundamentals

## **Learning Objectives**

Review Questions

No problem scores in this section

Conditions and Branching (10:14) (2/2) 100%

Problem Scores: 1/1 1/1 1/1 1/1

Practice Scores: 1/1 1/1

Lab - Conditions and Branching

No problem scores in this section

**Loops (6:40)** (2/2) 100% Practice Scores: 1/1 1/1

Lab - Loops

No problem scores in this section

**Functions (13:28)** (2/2) 100% Practice Scores: 1/1 1/1

Lab - Functions

No problem scores in this section

**Objects and Classes (10:47)** (1/2) 50%

Practice Scores: 0/1 1/1

Lab - Objects and Classes

No problem scores in this section

No problem scores in this sectio

Lab - Exception Handling
No problem scores in this section

Review Questions (5/5) 100%

Review Questions

Problem Scores: 1/1 1/1 1/1 1/1 1/1 1/1

Module 4 - Working with Data in Python

## Learning Objectives

No problem scores in this section

## Reading Files with Open (3:39)

No problem scores in this section

Lab - Reading Files

No problem scores in this section

Writing Files with Open (2:50)

No problem scores in this section

Lab - Writing Files

No problem scores in this section

Loading Data with Pandas (4:07) (2/2) 100%

Practice Scores: 1/1 1/1

Working with and Saving Data with Pandas (2:02) (2/2) 100%

Practice Scores: 1/1 1/1

Lab - Loading Data and Viewing Data

No problem scores in this section

Review Questions (4/4) 100% Review Questions

Problem Scores: 1/1 1/1 1/1 1/1

Module 5 - Working with Numpy Arrays & Simple APIs

## **Learning Objectives**

No problem scores in this section

Numpy 1D Arrays (11:19) (0/2) 0%

Practice Scores: 0/1 0/1

Lab - Working with 1D Numpy Arrays

No problem scores in this section

	Numpy 2D Arrays (7:08) (0/2) 0% Practice Scores: 0/1 0/1	
	Lab - Working with 2D Numpy Arrays No problem scores in this section	
	Simple APIs - Part 1 No problem scores in this section	
	Simple APIs - Part 2  No problem scores in this section	
	Lab - HTTP and Requests No problem scores in this section	
	Lab - API No problem scores in this section	
	Review Questions (0/4) 0% Review Questions Problem Scores: 0/1 0/1 0/1 0/1	
Course Summary	Course Summary (1:13) No problem scores in this section	
	References No problem scores in this section	
	Python Cheat Sheet  No problem scores in this section	
Final Exam	Instructions No problem scores in this section	
	Final Exam (0/25) 0% Final Exam	
	Problem Scores: 0/1 0/1 0/1 0/1 0/1 0/1 0/1 0/1 0/1 0/1	0/1
	Retake Exam (Optional)  No problem scores in this section	
Course Feedback	Feedback No problem scores in this section	
Completion Certificate and Badge	How to Claim your Certificate  No problem scores in this section	
	Badge No problem scores in this section	

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