

Python Fundamentals

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**Vídeo:** Introduction to Specialization  
3 min
- ✓

**Lectura:** Syllabus  
10 min
- ✓

**Lectura:** Help us learn more about you!  
10 min
- ✓

**Vídeo:** Data Science  
7 min
- ✓

**Lectura:** 50 years of Data Science, David Donoho (optional)  
1h 30m
- ✓

**Vídeo:** The Coursera Jupyter Notebook System  
3 min
- ✓

**Lectura:** Notice for Auditing Learners: Assignment Submission  
10 min
- ✓

**Libreta:** Week 1 Lectures Jupyter Notebook
- ✓

**Vídeo:** Python Functions  
8 min
- ✓

**Vídeo:** Python Types and Sequences  
8 min
- ✓

**Vídeo:** Python More on Strings  
3 min
- ✓

**Vídeo:** Python Demonstration: Reading and Writing CSV files  
3 min
- ✓

**Vídeo:** Python Dates and Times  
2 min
- ✓

**Vídeo:** Advanced Python Objects, map()   
5 min
- ✓

**Vídeo:** Advanced Python Lambda and List Comprehensions  
2 min
- ▶

**Vídeo:** Advanced Python Demonstration: The Numerical Python Library (NumPy)  
7 min
- ✓

**Cuestionario:** Week One Quiz  
12 preguntas

CUESTIONARIO • 12 MIN

## Week One Quiz

Revisar conceptos clave

✓ Envía tu tarea

VENCIMIENTO 23 de ago. 23:59 PDT INTENTOS 3 cada 8 hours

Probar de nuevo

✓ Recibe la calificación

PARA APROBAR 80 % o más

Calificación

100 %

Ver comentarios

Conservaremos tu puntaje más alto.



✓ ¡Felicitaciones! ¡Aprobaste!

PARA APROBAR 80 % o más

Continúa aprendiendo

CALIFICACIÓN

100 %

## Week One Quiz

CALIFICACIÓN DEL ÚLTIMO ENVÍO

100%

1. Python is an example of an

1 / 1 puntos

- ☒ Interpreted language
- ☐ Declarative language
- ☐ Operating system language
- ☐ Data science language
- ☐ Low level language

✓ Correcto

This material was covered in the "Python Functions" lecture.

2. Data Science is a

1 / 1 puntos

- ☐ Branch of statistics
- ☐ Branch of computer science
- ☐ Branch of artificial intelligence
- ☒ Interdisciplinary, made up of all of the above

✓ Correcto

This material was covered in the "Data Science" lecture.

3. Data visualization is not a part of data science.

1 / 1 puntos

- ☐ True
- ☒ False

✓ Correcto

This material was covered in the "Data Science" lecture.

4. Which bracketing style does Python use for tuples?

1 / 1 puntos

- ☐ {}
- ☒ ()
- ☐ []

✓ Correcto

This material was covered in the "Python Types and Sequences" lecture.

5. In Python, strings are considered Mutable, and can be changed.

1 / 1 puntos

- ☒ False
- ☐ True

✓ Correcto

This material was covered in the "Python More on Strings" lecture.

6. What is the result of the following code: ['a', 'b', 'c'] + [1, 2, 3]

1 / 1 puntos

- ☒ ['a', 'b', 'c', 1, 2, 3]
- ☐ TypeError: Cannot convert list(int) to list(str)
- ☐ ['a1', 'b2', 'c3']
- ☐ [['a', 'b', 'c'], [1, 2, 3]]

✓ Correcto

This material was covered in the "Python Types and Sequences" lecture.

7. String slicing is

1 / 1 puntos

- ☐ A way to make string mutable in python
- ☐ A way to reduce the size on disk of strings in python
- ☒ A way to make a substring of a string in python

✓ Correcto

This material was covered in the "Python More on Strings" lecture.

8. When you create a lambda, what type is returned? E.g. type(lambda x: x+1) returns

1 / 1 puntos

- ☒ <class 'function'>
- ☐ <class 'type'>
- ☐ <class 'int'>
- ☐ <class 'lambda'>

✓ Correcto

This material was covered in the "Advanced Python Lambda and List Comprehensions" lecture.

9. The epoch refers to

1 / 1 puntos

- ☐ January 1, year 0
- ☒ January 1, year 1970
- ☐ January 1, year 1980
- ☐ January 1, year 2000

✓ Correcto

This material was covered in the "Python Dates and Times" lecture.