

Business Programming (using Python)

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About Me



- Ph.D. in business analytics.
- Applied statistician, business practitioner.
- Foodie and more....

Previous experiences with Python

- I have never heard of Python/have heard of Python before, but have never used it.
- I have used Python before in a class or at work.

Main topics

- Course Introduction
- Introduction to Python

Part 1: Course Introduction

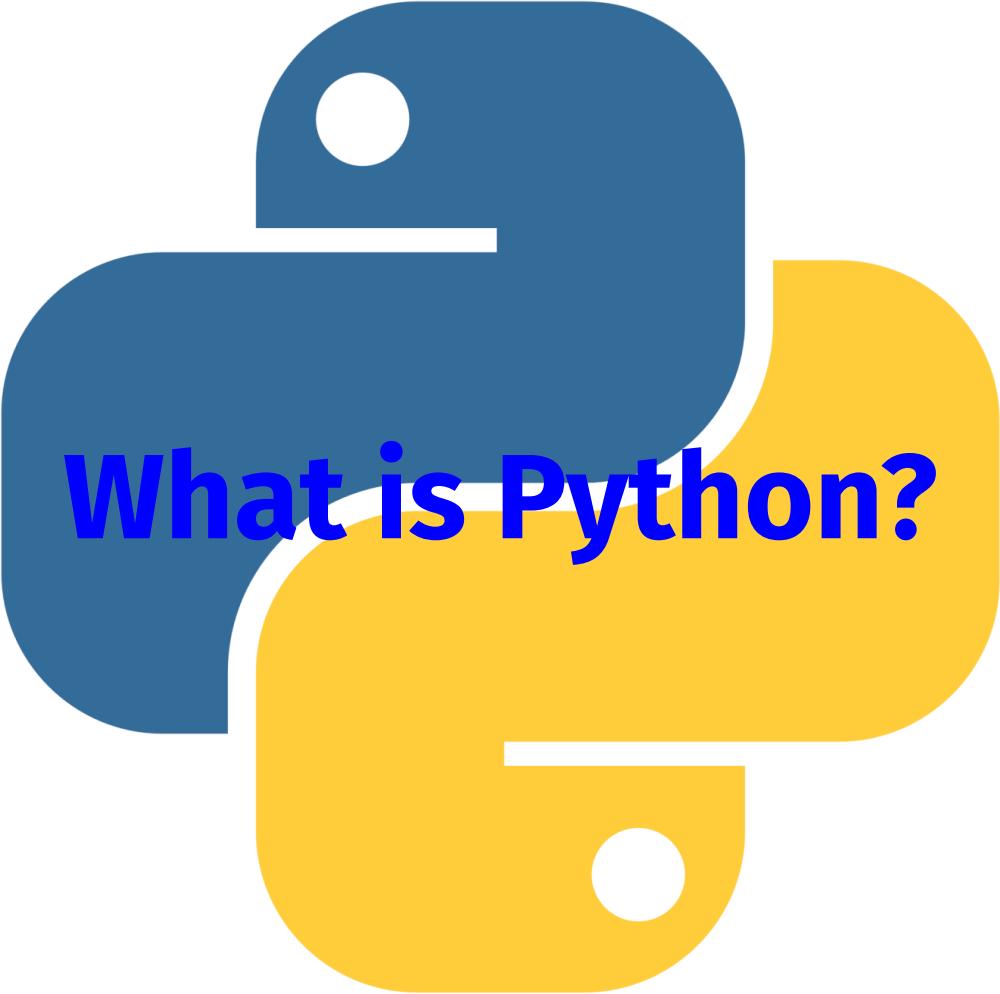
Course Introduction

- Canvas page
- Syllabus, office hours...

"Life is short (You need Python)."

---Bruce Eckel

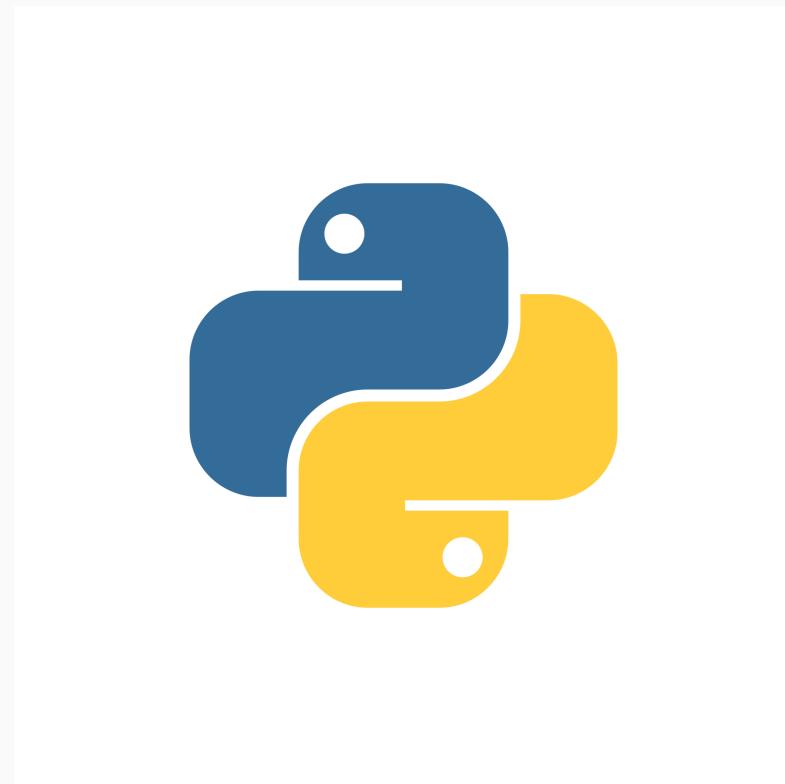
Part 2: Introduction to Python

A large, semi-transparent watermark of the Python logo is centered on the slide. It consists of two interlocking snakes, one blue and one yellow, forming a circular shape. The text "What is Python?" is overlaid on the center of this logo.

What is Python?

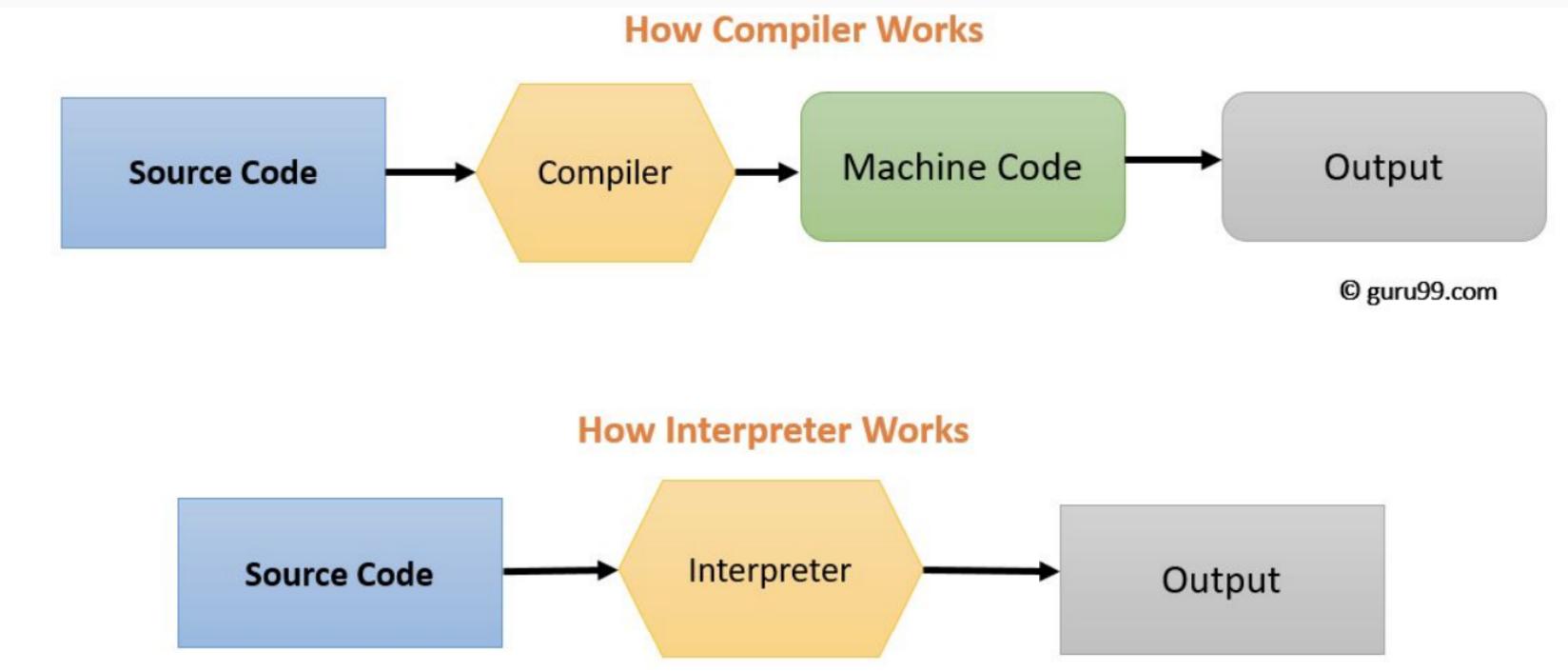
Python is...

- A cute snake



Python is...

- **Python** is an interpreted and high-level language.



What is fun fact about Python?



GUIDO VAN ROSSUM

- The origin of its name is inspired by a British comedy series called “Monty Python's Flying Circus”.
- It was created in 1991 by **Guido Van Rossum**.
- "Short, mysterious and unique."--- **Guido Van Rossum**.

Top Companies Using Python



How should we program with Python?

Several ways to program in Python

- Integrated Development Environment (IDE) - Spyder.
- Python Notebooks - Jupyter.
- Google Colab Notebooks - the Google Docs of Python Notebooks.

We will discuss Google Colab Notebooks

- Link to the Google Colab Python notebook (Colab 101)

Google Colab Notebooks

We will be programming in Google Colab Notebooks

- Open the Google Colab Python notebook from the link below:
- [Link to the Google Colab Python notebook \(building a simple trading strategy\)](#)

Python: Hello, world!

Output

```
# Hello, world!
```

Code

```
print("Hello, world!")
```