

- **Origin of Python**

- Named after *Monty Python's Flying Circus*, a TV show, not the snake.
- The creator found the name short, cryptic, and appealing.

- **Introduction by Layla Rizvi**

- Background: Software engineer at Instagram, based in San Francisco.
- Over 10 years of experience coding in Python.
- First programming language she learned.
- Works at Meta, using Python daily, and considers it her favorite programming language.

- **First Experience with Python**

- Built a calculator as her first application.
- Faced challenges learning indentation, spacing, syntax, loops, and core computer science concepts.
- Perseverance led to success in mastering the language.

- **Everyday Interaction with Python**

- Applications that rely on Python: Instagram, Facebook, Google, and Spotify.
- Python is widely used in machine learning, including frameworks like TensorFlow.
  - Examples:
    - Airbnb uses TensorFlow to classify images.
    - Healthcare companies use it to classify MRI data.

- **Python at Meta**

- Used for Instagram's back end and ads machine learning algorithms.
- Supports production engineers in maintaining services.

- **Why Learn Python?**

- Easy to learn and beginner-friendly.
- Simple syntax and an abundance of libraries.
- Facilitates rapid development and feature building.
- Widely used and supported by a large engineering community.

- **Encouragement**

- Despite initial challenges, Python's simplicity makes it an excellent starting point.
- Offers quick results and a rewarding learning experience.
- A valuable skill for a software engineering career.