

## ICT Learning Centre @ UL - Python and ML Foundations

Python – Introduction & IDE

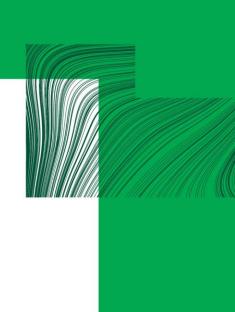


# Introduction to Python

A high-level, versatile programming language





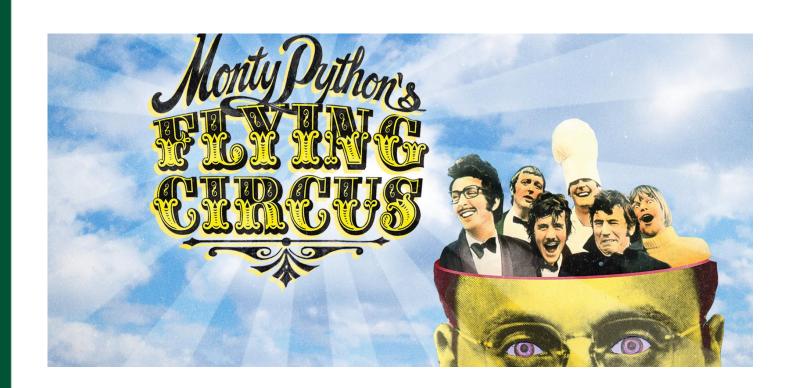


### What is Python?

- High-level
- Versatile
- Intuitive syntax

#### Fun fact:

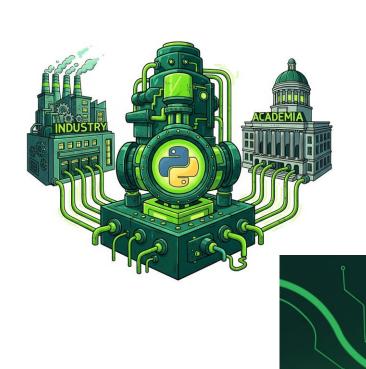
Named after Guido Van Rossum's favourite British comedy troupe, Monty Python's Flying Circus!





### Why Python?

- Dominant in industry and academia
- Language of choice for AI
   & ML
- Versatile and easy to learn
- Powerful libraries and ecosystem





## IDE – Google Colab

Your python workspace

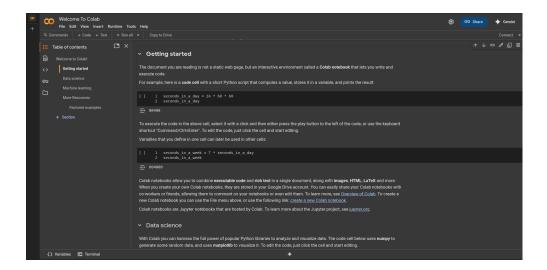


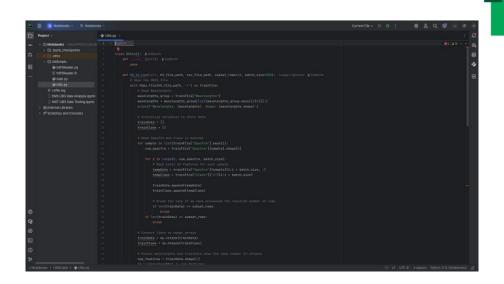


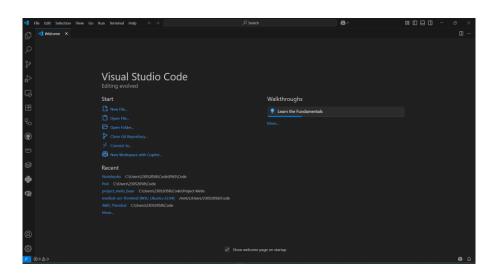


#### What is an IDE?

- Integrated Development Environment
- A programmer's workshop

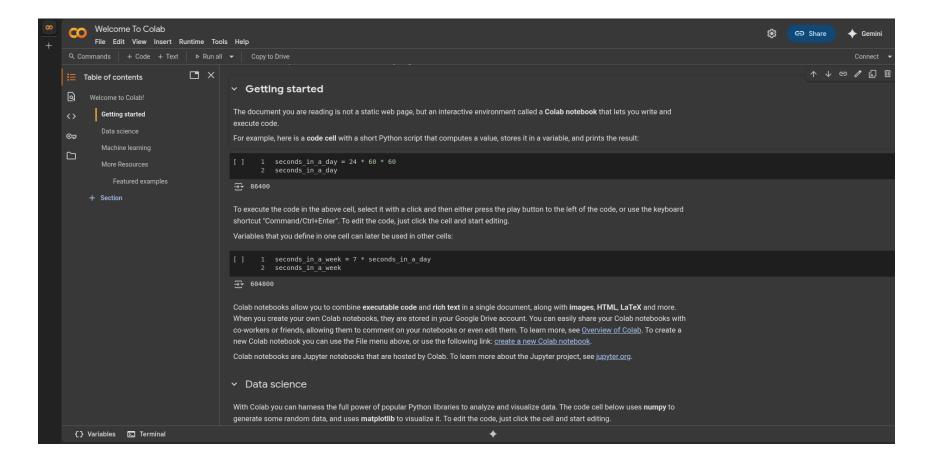








#### Google Colab(oratory)







Thank you



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