

The Art of Analytics

EXPLORING VALUE FROM DATA

Basic Python

Python is widely used in various business sectors, such as programming, web development, machine learning, and data science.



Python is the most popular programming language in the world. According to the 2022 Stack Overflow Developer Survey

Netflix uses Python for machine learning

Facebook has invested in a Python startup called FastAPI

Tesla uses Python for automation, Spotify uses Python for data analysis.

Airbnb uses Python for web development



Video 1

Conditionals and
booleans



Video 2

Loops



Video 3

Functions



Video 4

Modules & Library



Video 5

OS Module
(Optional)

Example

Example2.ipynb

You can download this example and run it through google collab for now

Or if you have already installed Anaconda then you can search for Anaconda terminal in your windows search bar -> and then type "jupyter notebook"

Access this example.ipynb from where it is saved in your system.

To run or execute in jupyter (or collab) click Shift + Enter

Practice Set

- Write a function that takes a list of numbers as input and returns the sum of those numbers.
- Write a function that takes a string as input and returns the number of vowels in that string.

Thank You

IN CASE OF ANY DOUBT, FEEL FREE TO ASK ME