



# Python

Write scripts to process, clean, and transform data.

- Python is a **general-purpose programming language** known for being simple, readable, and powerful.
- In data engineering, **Python is your engine** - it automates tasks, transforms data, builds workflows, and connects tools.

## 💡 Topics to Learn:

- **Print Function, Take User input, Variables & Data Types**
- **Data Structures (lists, tuples, dictionaries, sets)**
- **Control Flow (if/else, loops)**
- **Functions (reusable logic)**
- **Working with Files (CSV, JSON, text)**
- **Error Handling (try/except)**
- **Logging (production-ready code)**
- **Connecting to Systems (databases, APIs, Kafka basics)**