Name-SKILL- C, SQL Pre Test

Python for Data Engineer

- · why Python
- · Token (Variable, Data Type)
 - · Statement (Cond, Loop)
 - · Collection (List, tuples, Set, Dict)
- · class & object.
- 6 Inheritance ostatic

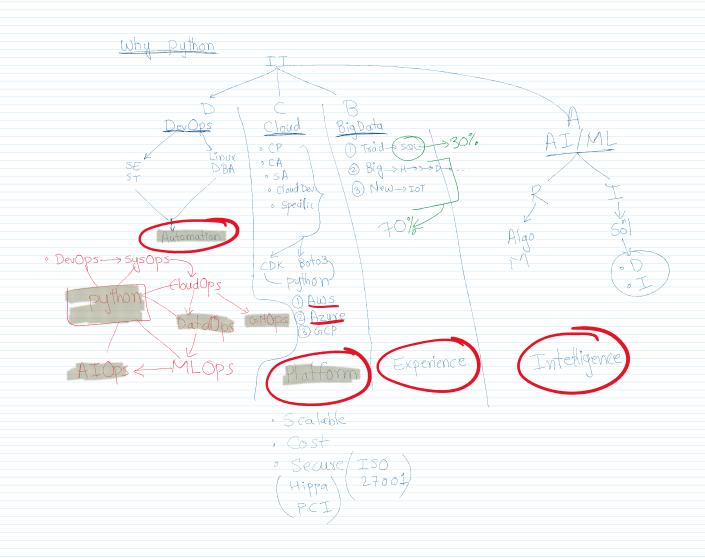
- · Const & Destr.

polyn

- · Humpy · · · Scipy.
- · pandas o Matplot Lib
- · SQL Alchency · Spark

Day 1: Python Day 2: EDA Day 3° DB (SQL, No SQL)

Day 4: Data Modeling & Techniques Days: Cloud (Aws, Azure)



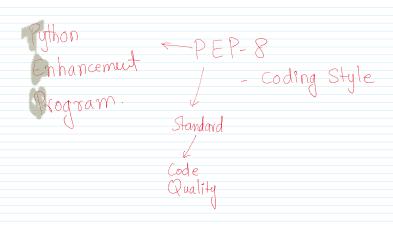
App Text Processing = Google.com Youtube/Nefflix. Video Processing = Bittorrent Distributed Coupuly = Cloud AWS, DropBox NASA (MCP) Security Python 2) NoteBook 3 Program A Electionic - Jupiter - Colab ВE Emb Meta Rog. Flask - Micro Th=I/O/socket - Django Micro



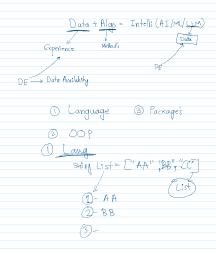
DataEngineering Page 4

Flask - Django:

- Th= I/O/socket.



Data Lake





3 Package · Set of Modules

Pandas

Data Source data, esv



Pandas



. Tab Sop Value=75V . CSV



I read data csv -> 10

2] Filter data

- Age > 100 ---> 3

> 3] Select Specific



Mathlot Lib

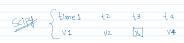
] Line Plot

Line Plot to visualize the frend.
 of sales over six months for Retail Store.

7 3 types of Products



8 Line Interpolation.



- estimate a missing value.

Scipy. Interpolate. interpld(x, y, kind, fill_value= "extrapolate")

Value int str

Linear.

