

① Roadmap to become machine learning engineer

↳ enter data science

② How & from where you'd get the project that you can showcase on resume.] competition

↳ check code & try doing it.

③ Practical hands-on → Machine learning models] huggingface & colab

Machine Learning

0-6 months

observe, conceive, understand

6-12 months
mimic

12-6 years
month learning from experience

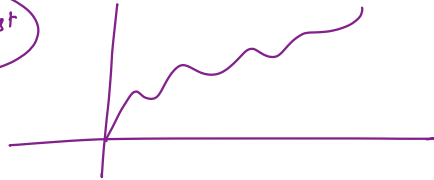
Task

Tell whether the transaction is a fraudulent ^{or} non fraud

Train model



Forecast



→ Can you predict the sales of a retail store next year.

→ Can you predict who's gonna the next US election.

→ Can you create different subgroup.

→ people who smoke & have age < 25

→ people who travel to Southasian countries

→ Can you predict the characteristics of person gonna marry.

Machine learning

Supervised

labels

Historical data with

laptop → elec

mobile → elec

ipad → elec

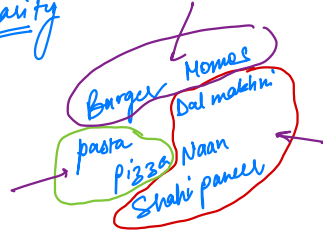
mouse → elec

ipencil → elec

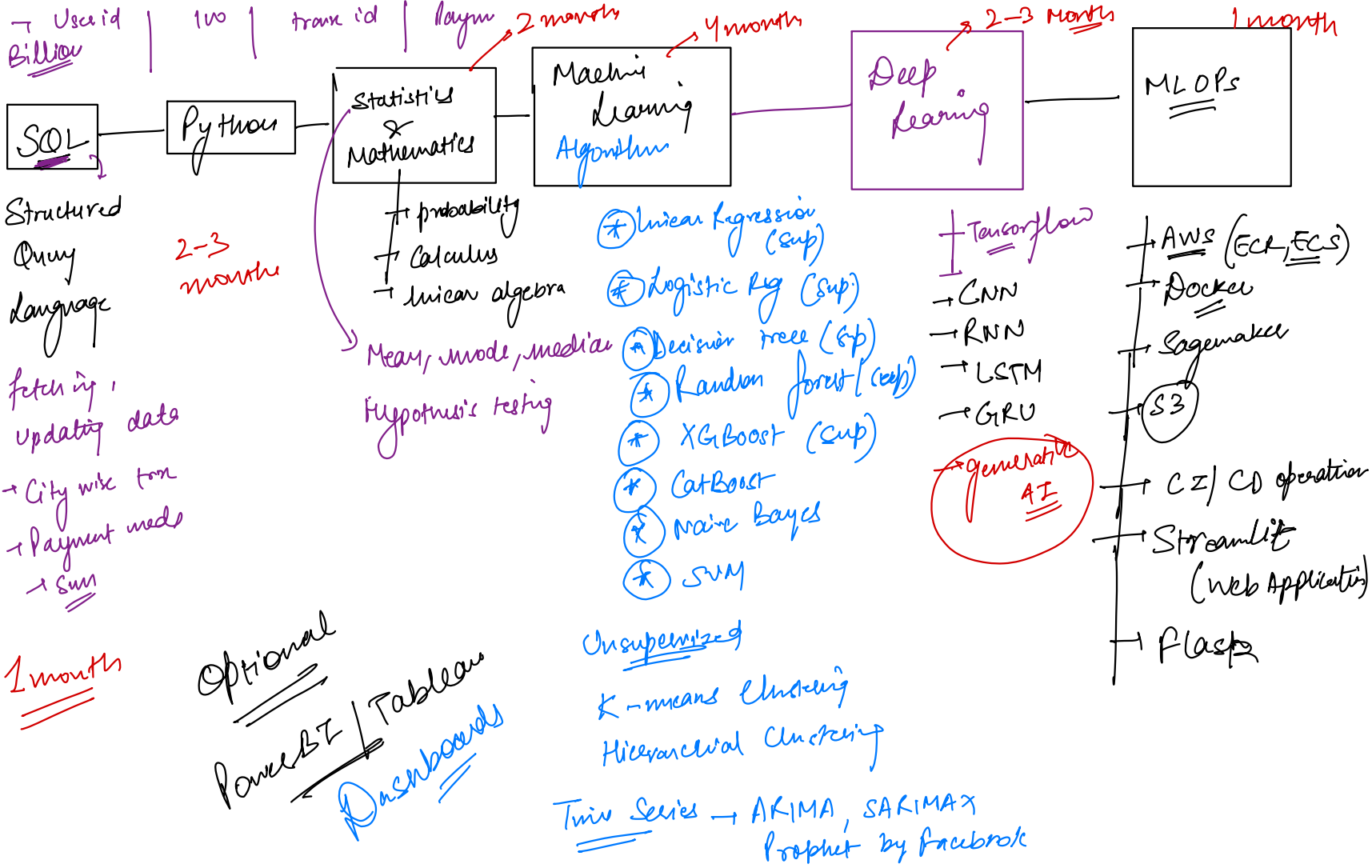
Unsupervised

no labels

similarity



transaction



Python

→ Handle Data incomplete

→ Handle outliers extreme

Relationships b/w different factors

Data preprocessing

Bivariate analysis
Visualization

→ Age correlation with salary

→ Studies have correlation with income

→ Kme driven brand — Prices of second hand car

- ① Colab notebook to perform machine learning tasks
- ② Huggingface to find relevant models

+ Identify sentiments

<https://colab.research.google.com/drive/1imN9CEpfaEiYqDWIRJPEHHH05dg6DqMU?usp=sharing>

Projects

Kaggle.com

Youtube

- ① * Statquest → machine learning & stats
- ② * 3Blue1Brown
- ③ * Scaler ML