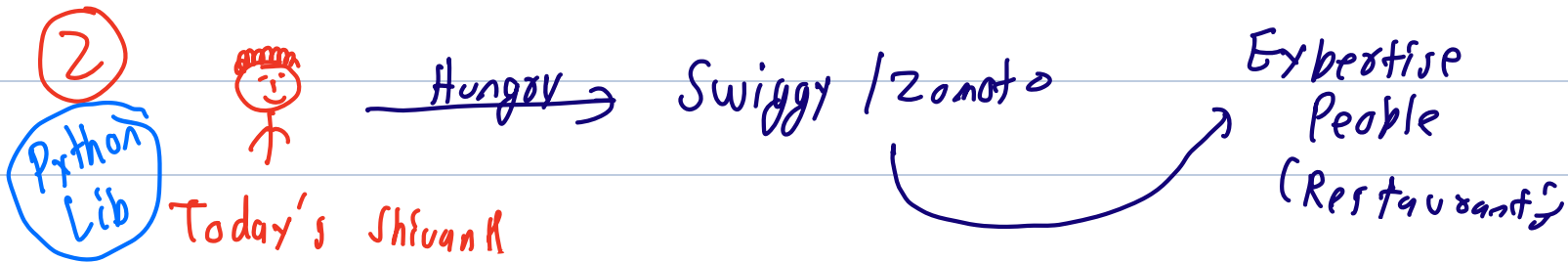
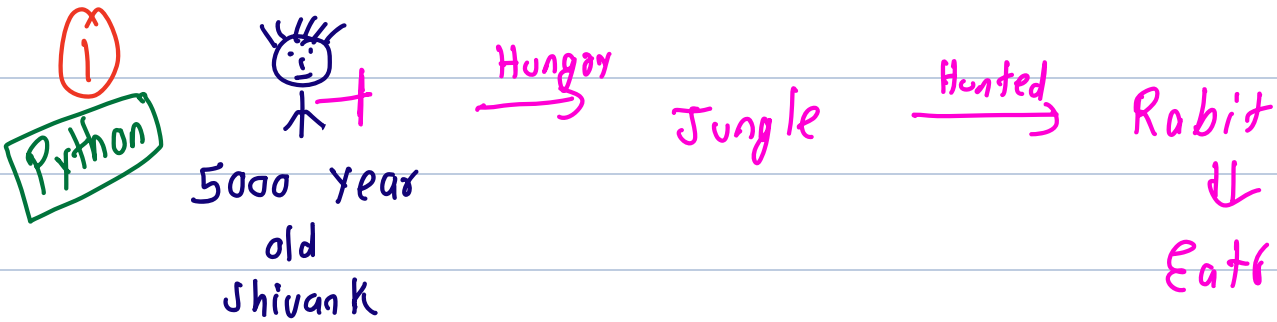


Pre-Req & Prompt Eng Basics

Python \Rightarrow Python Lib



Excel format \rightarrow a.csv

CSV

```
data = pandas.load("a.csv", ...)
```

data Frame

-	-	-
-	-	-
-	-	-

a = [1, 2, 7, 10, 50]

def for Sum =

$\text{numpy.sum}(a)$

⇒ Machine Learning

↓
predictions : weather Report
↓
Astrologer
↓
yes: Based on data

Exp	Salary
1	10K
2	20K
4	40K
6	60K

⇒ Exp 3 years ⇒
Salary?
30K

model → $\text{Salary} = 10K * \text{Exp}$

Exp	Salary
1	10K
2	21K
4	40K
6	63K

⇒ There are chances of errors

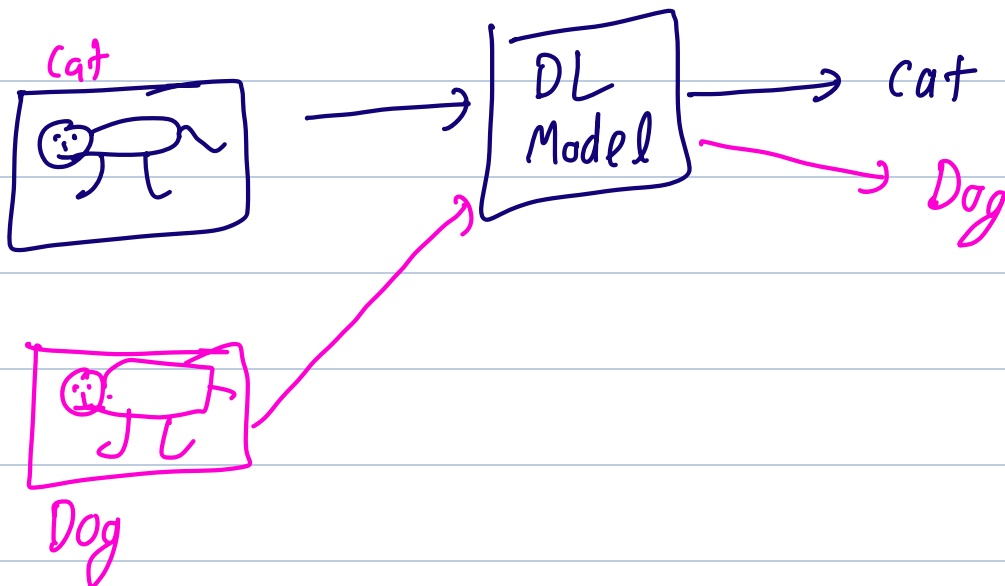
↓

Goal : Reduce this error

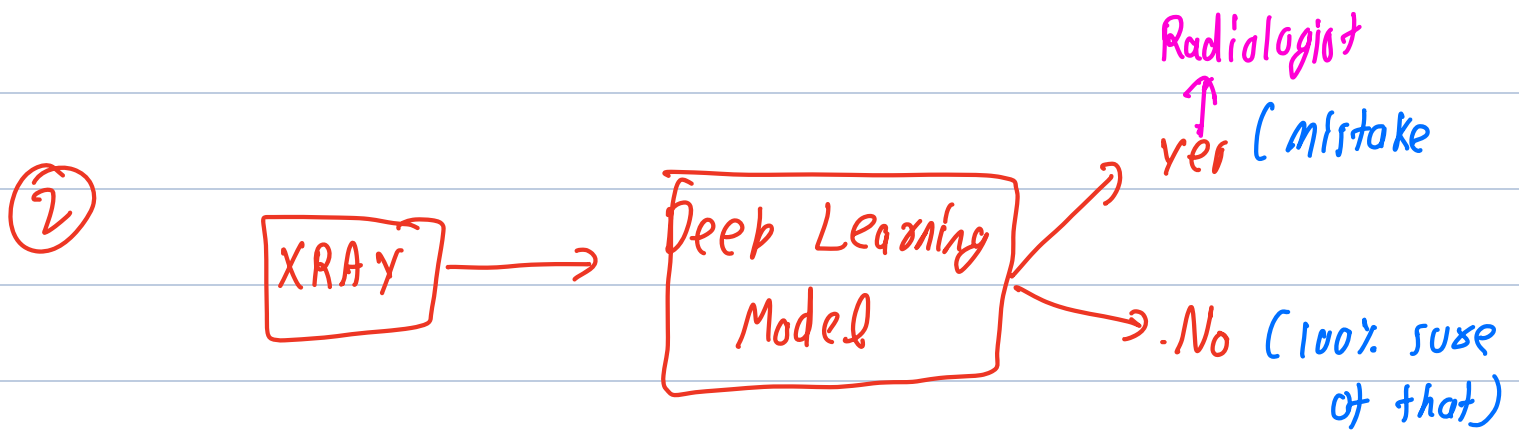
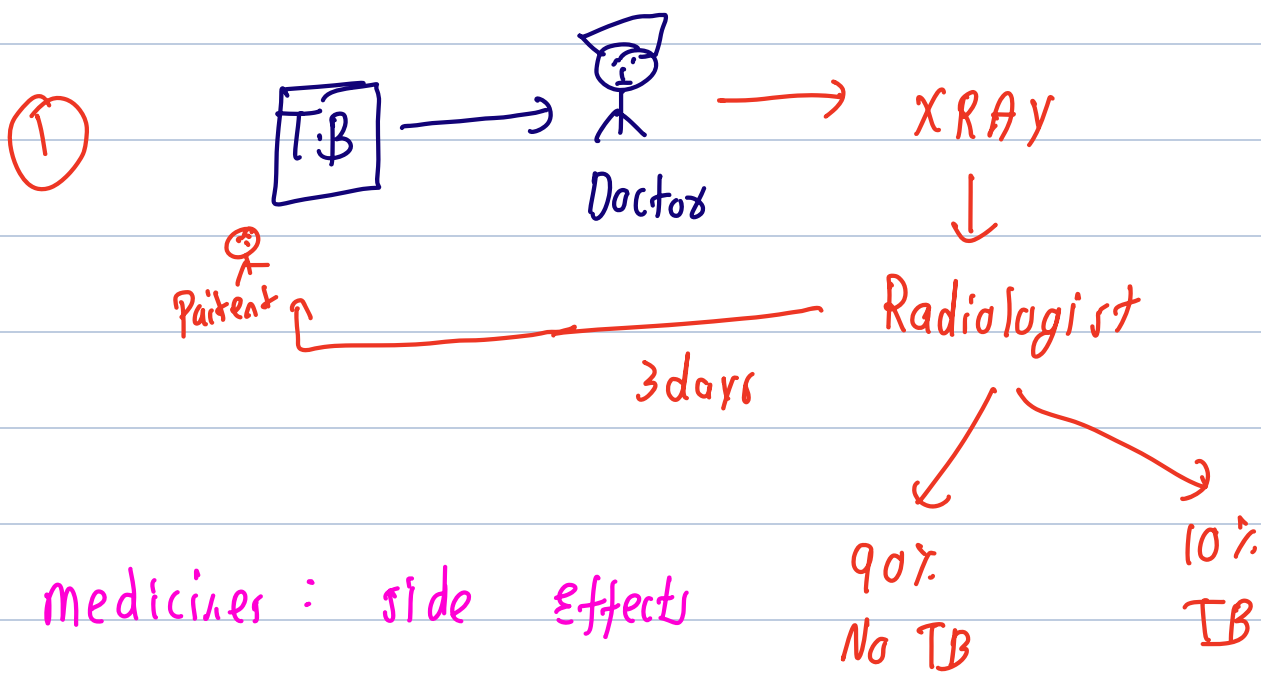
$$\text{Salary} = 10K * \text{Exp}$$

Deep Learning

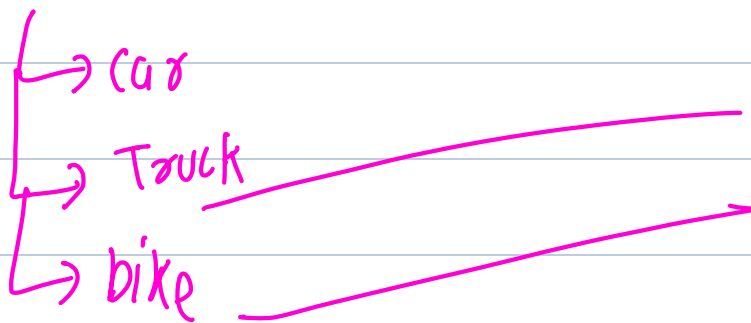
Images / Videos



Fortis Hospital



Object Detection



Neural Network

NLP (Natural Language Processing):

Text Data

google search :

Data science

Data science program in scala

Alexa → Text processing

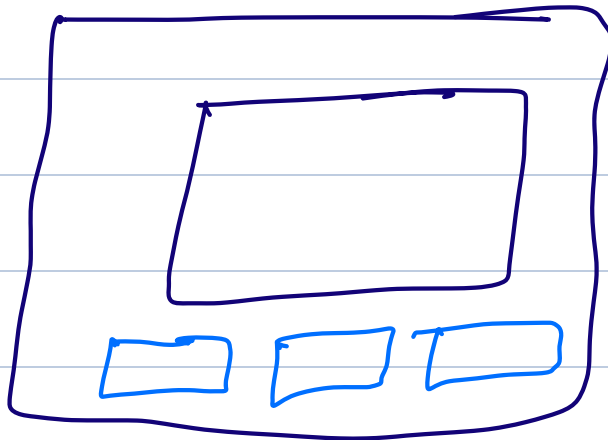
Google Translate

English → French

Gmail :

NLP

Transformers



Generative AI



generate Text

Audio

Image

Video