First go through Var and Data

how to create conda python environment and activate it

create a conda environment for python 3.7 version

activate one of the created environment

install libraries using pip installment, conda install

take two variables and perform arithmetic operations

also create scripts for if, if else and for and while

learn programming in list, tuples, sets and dictionary also learn strings, arrays and matrix

start with numpy, panda, matplotlib, Scikit learn, Seaborn and string manipulation(search in google)

List 1 = ["abc", "ab", "dc"]

List 2 = ["abc"]

find common, difference and union

learn to make notebook from Ayush also use Kaggle with the help of Ayush

import matplotlib.pyplot as plt

import cv2

import numpy as np

img = cv2.imread('sudoku.jpg', cv2.IMREAD\_GRAYSCALE)

img = cv2.cvtColor(img, cv2.COLOR\_BGR2RGB)

titles = ['image']

pic = [img]

for i in range(1):

plt.subplot(1, 1, i+1)

plt.imshow(pic[i])

plt.title(titles[i])

plt.xticks([]), plt.yticks([])

plt.show()

what is CNN? how it works?, what layers we use in CNN?, what activation function is used for deep learning, loss function?

How does convolution work, why we use, how many filters are used, use coding

what is Pooling, coding based on pooling.

why we use fully connected, what happens when we dont use it

batch normalization, activation function

interview questions based on model training, hyper parameter optimization, python, deep leraning, machine learning, learning curves, Gen AI, Tensorflow, PyTorch, GPT3 and NLP

Natural Language Processing (NLP) Sentiment Analysis:

DeepFake Detection:

Stock Price Prediction:

output\_path = "C:\\Users\\MahendraVishnuPrabha\\Downloads\\Project - FairMOT Object Detection\Output\\output\_video.avi"

video\_path = "C:\\Users\\MahendraVishnuPrabha\\Downloads\\Project - FairMOT Object Detection\\MOT16-03.mp4"