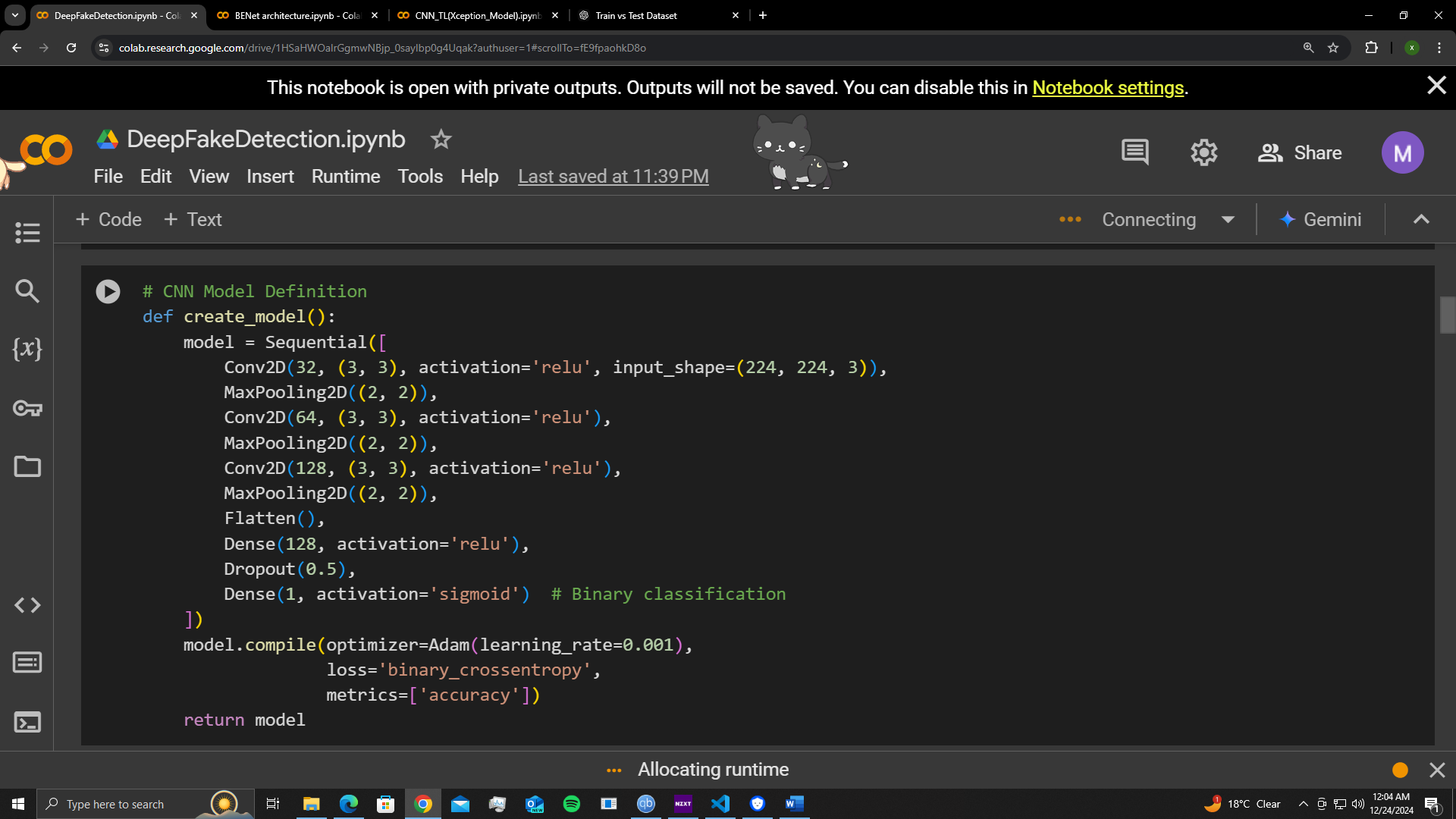
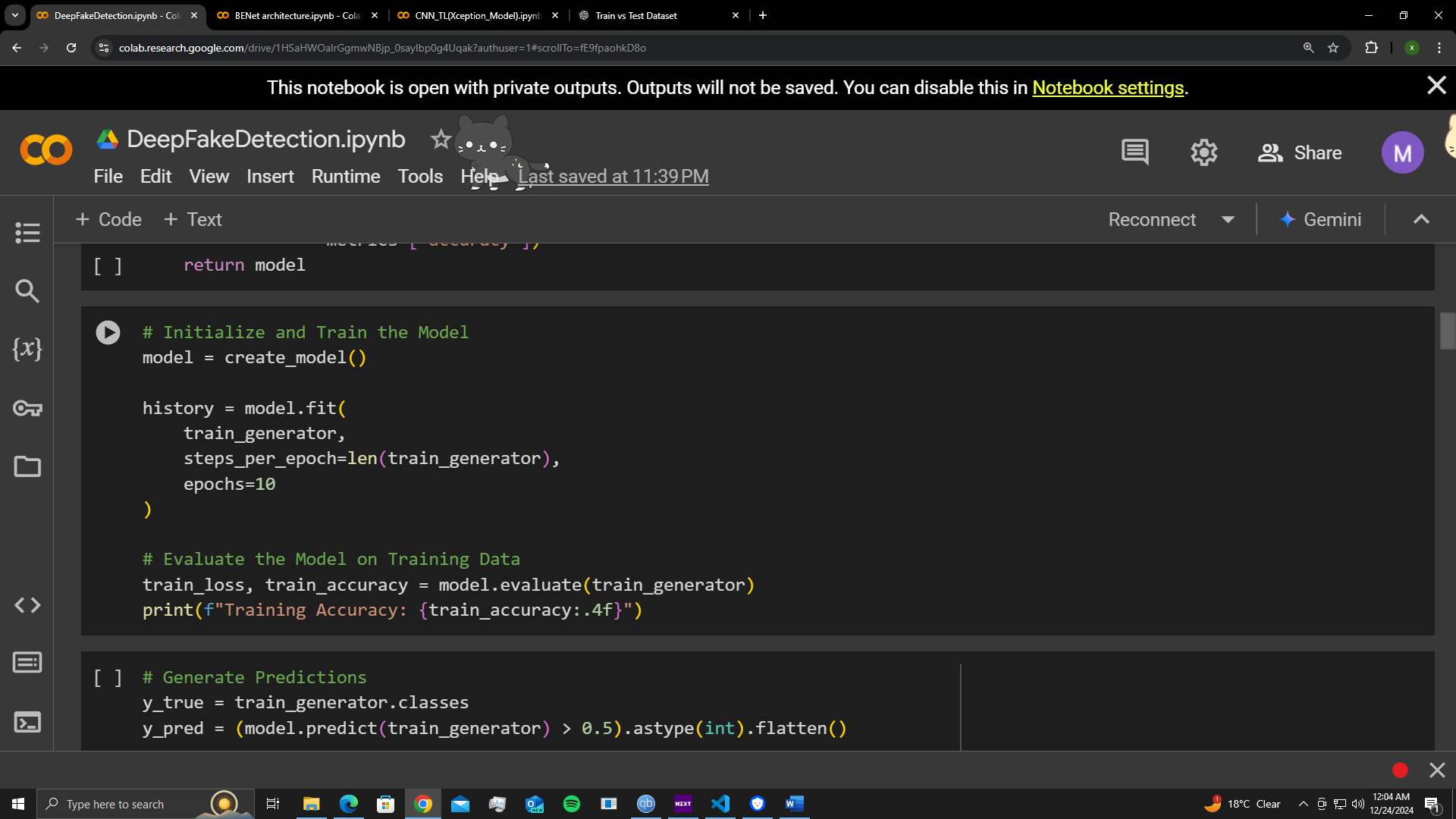
**CNN(Convolutional Neural Network) MODEL** is a category of machine learning model. Specifically, it is a type of deep learning algorithm that is well suited to analyzing visual data. A neural network architecture designed for processing visual data like images.

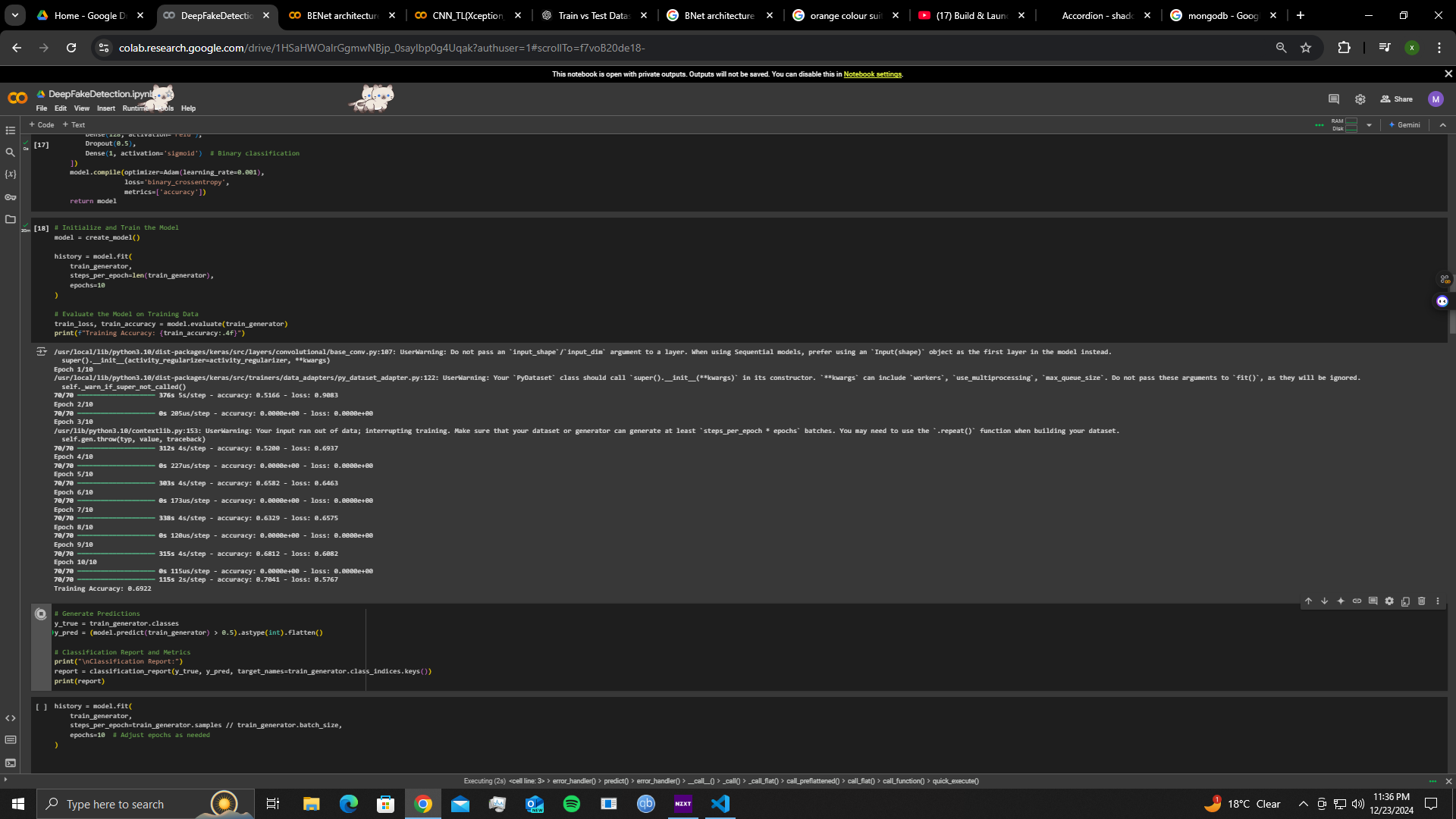
**Create Model after Augmentation the Images :**



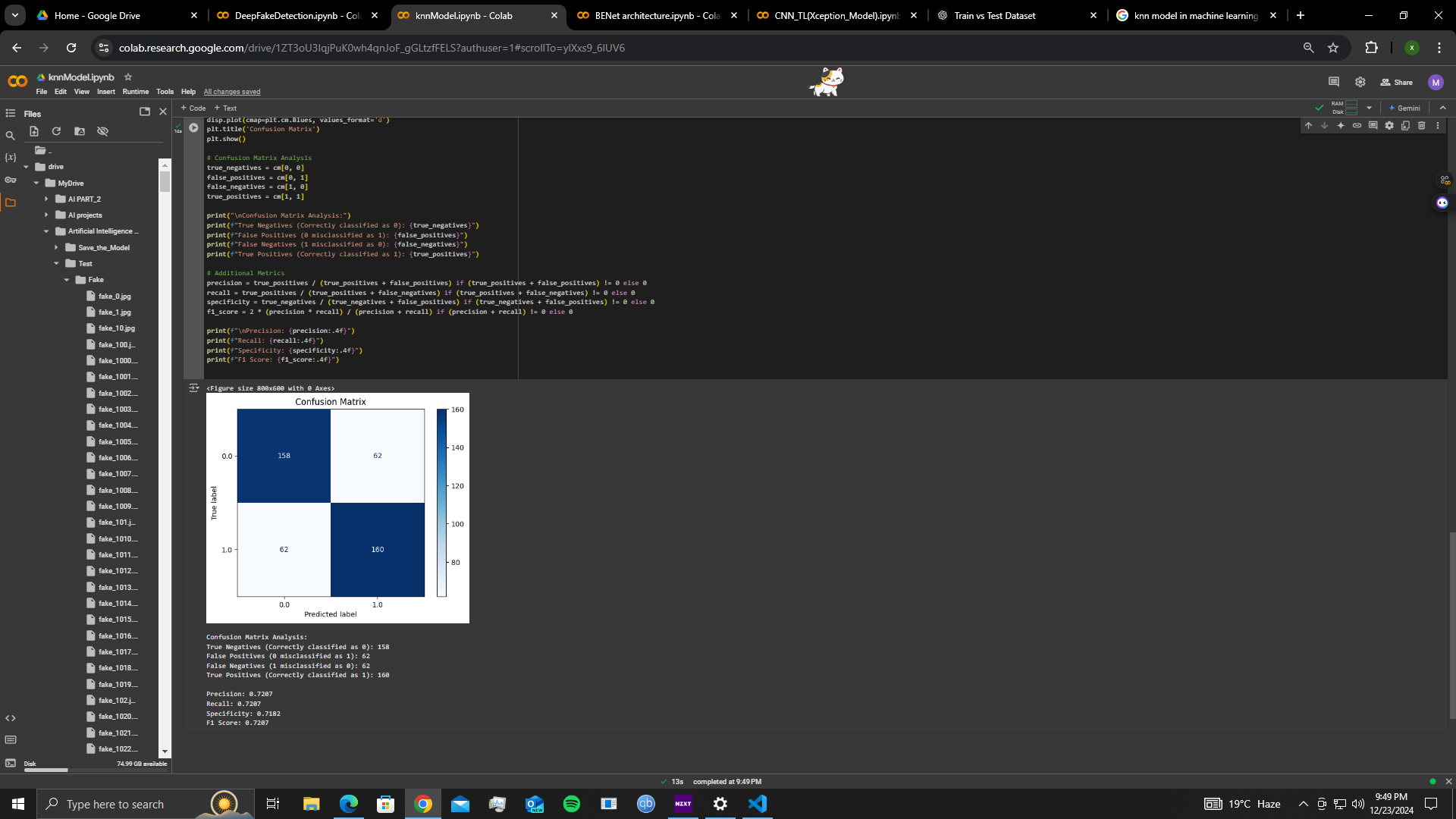
**Fit the model :**



**Accuracy of the CNN Model :**

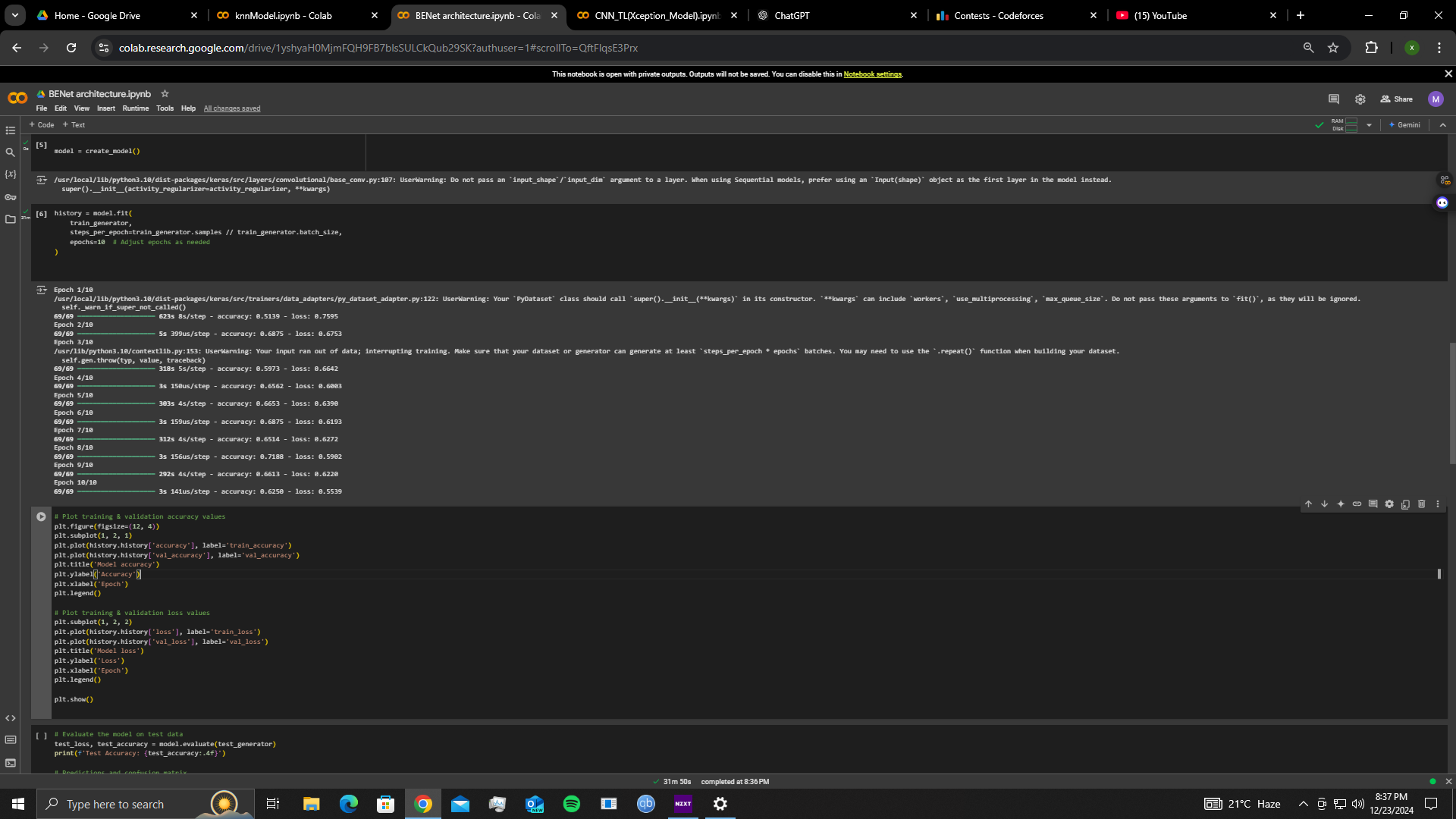


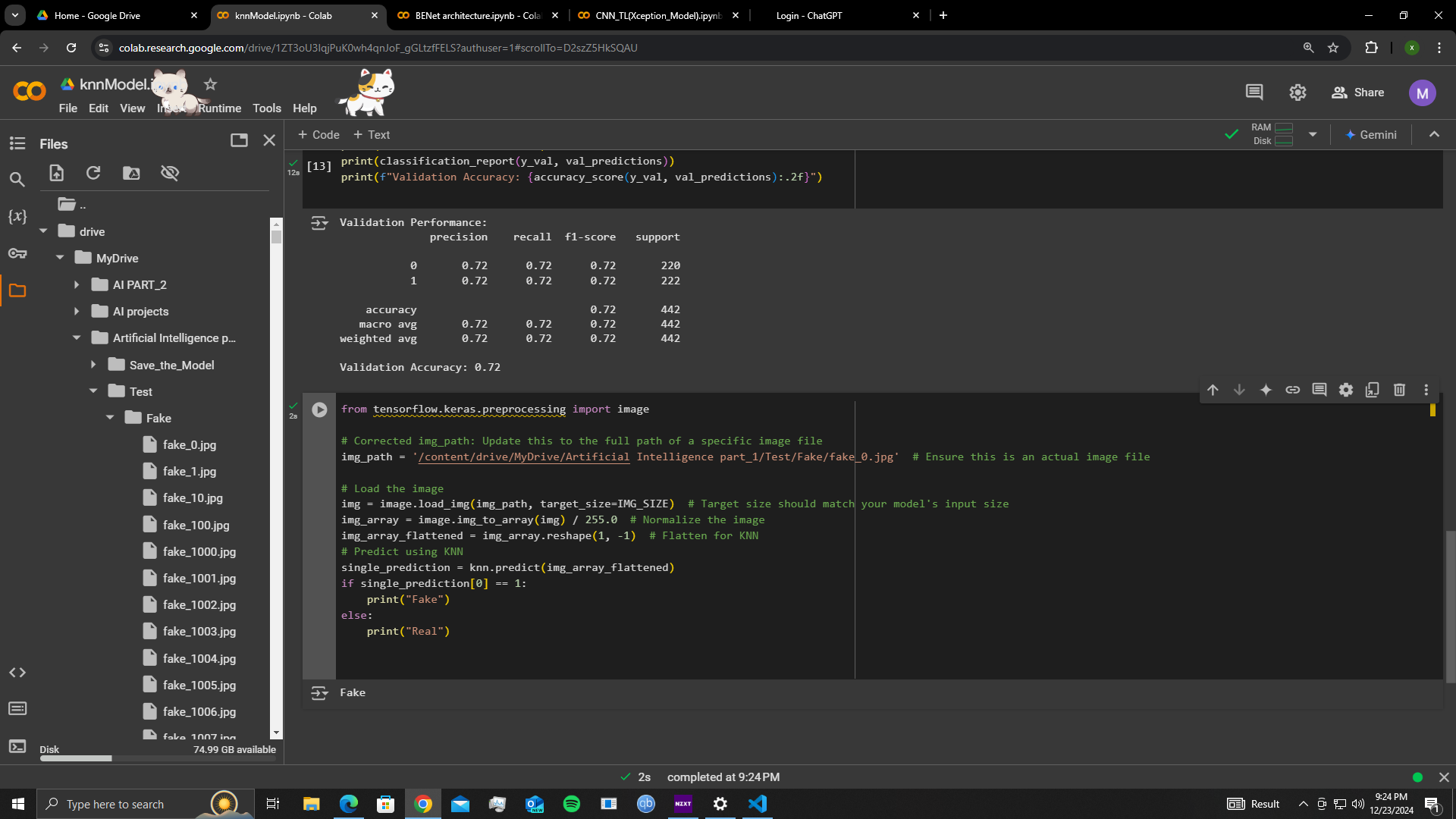
**Confusion Metrix :**

****

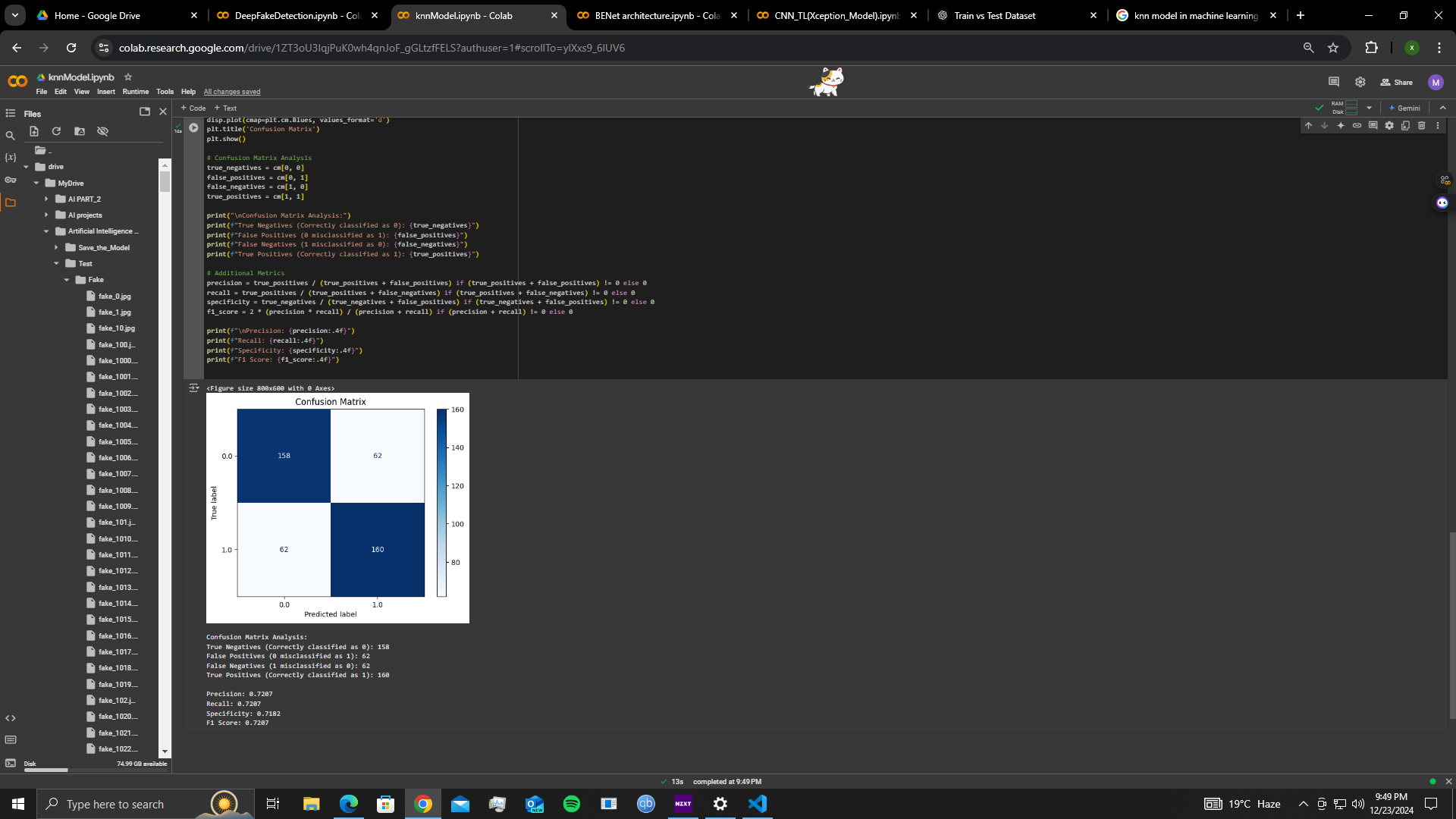
**KNN (K nearest neighbours)** is a data science model used to identify the closest approximate neighbours to the input data.

**After Fit the model accuracy :**

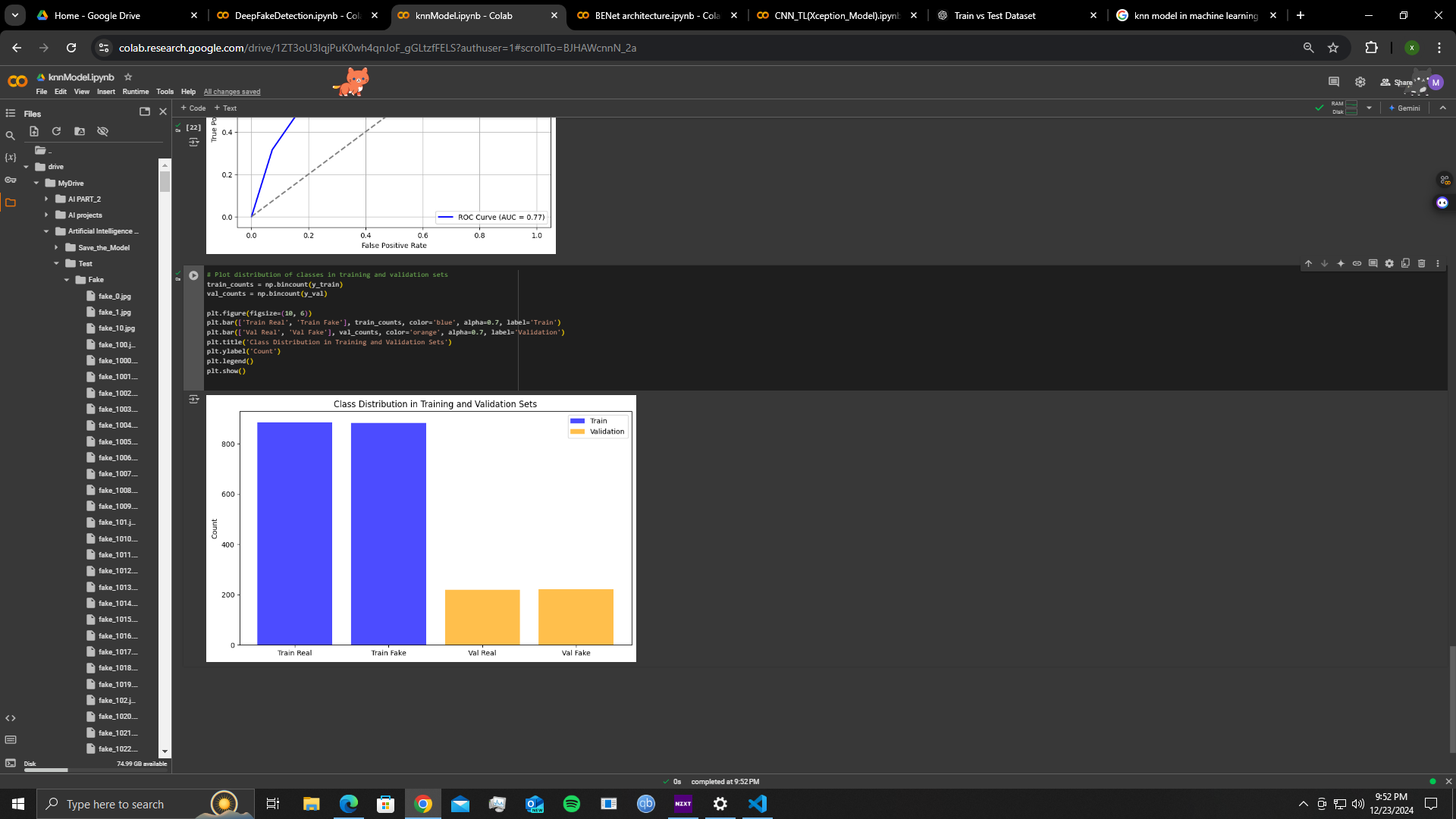




**Confusion Metrix :**

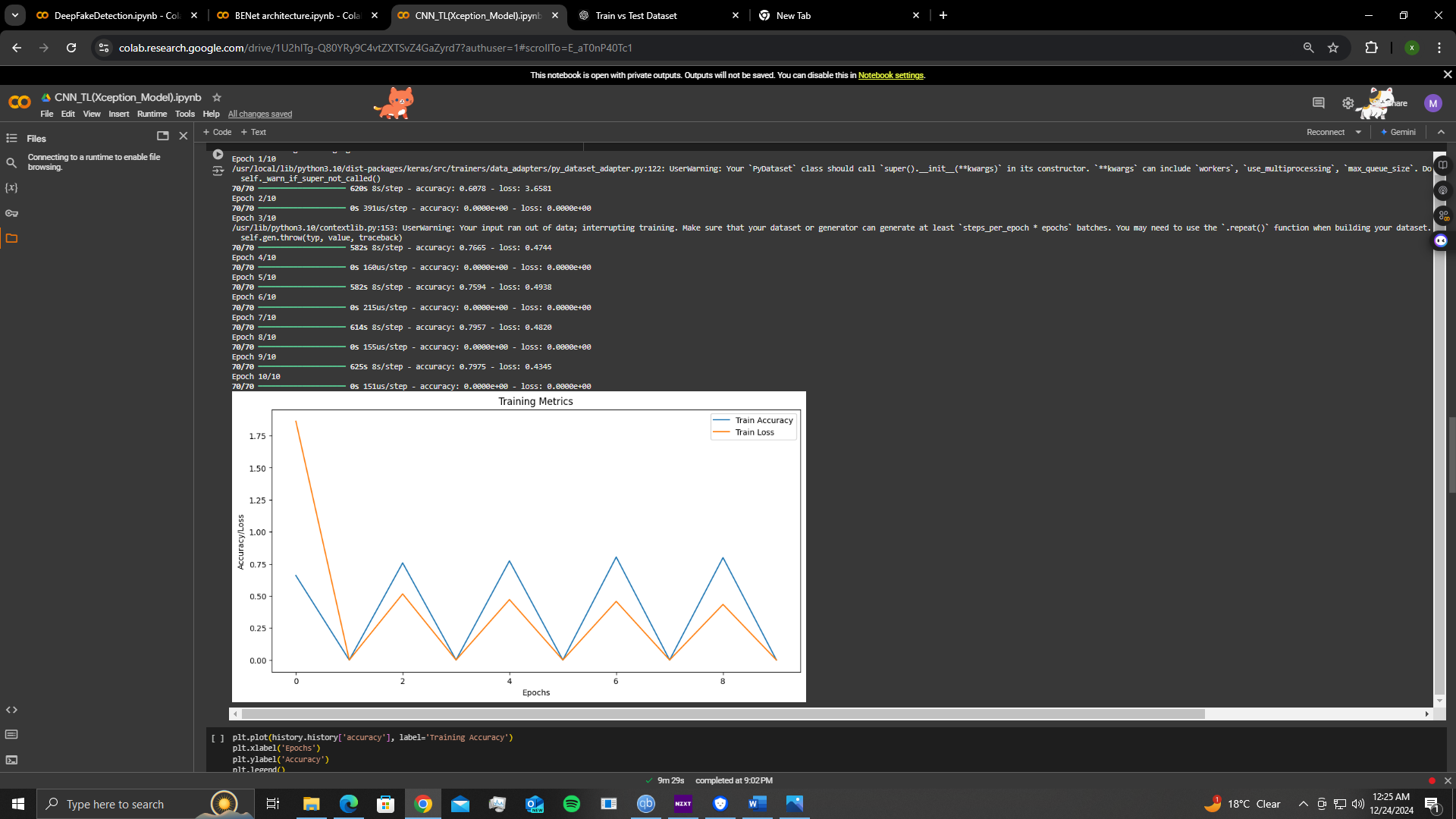


**Bar chart for confusion matrix :**

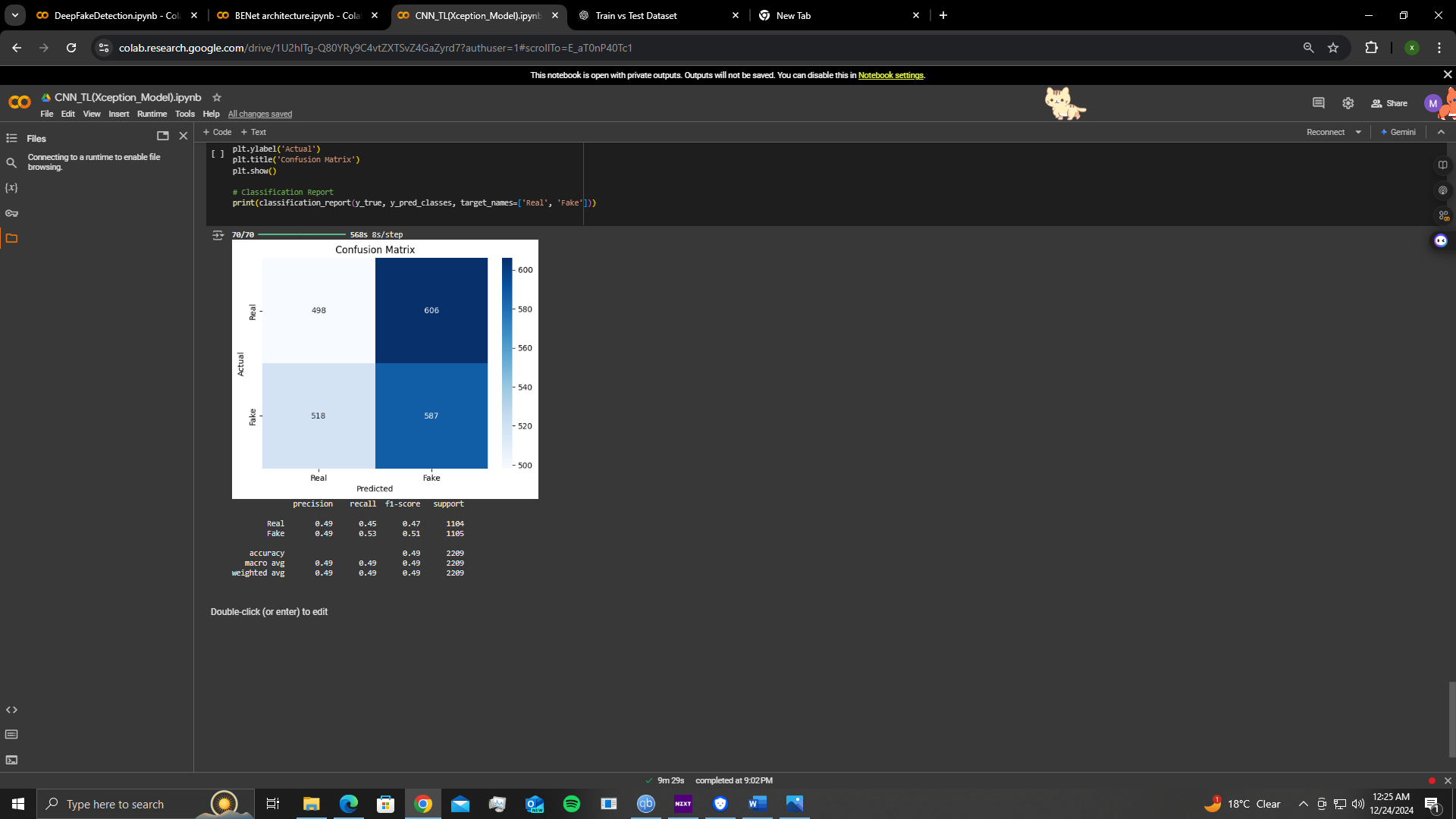


**Transfer learning Xception Model .**Xception is a convolutional neural network that is 71 layers deep.

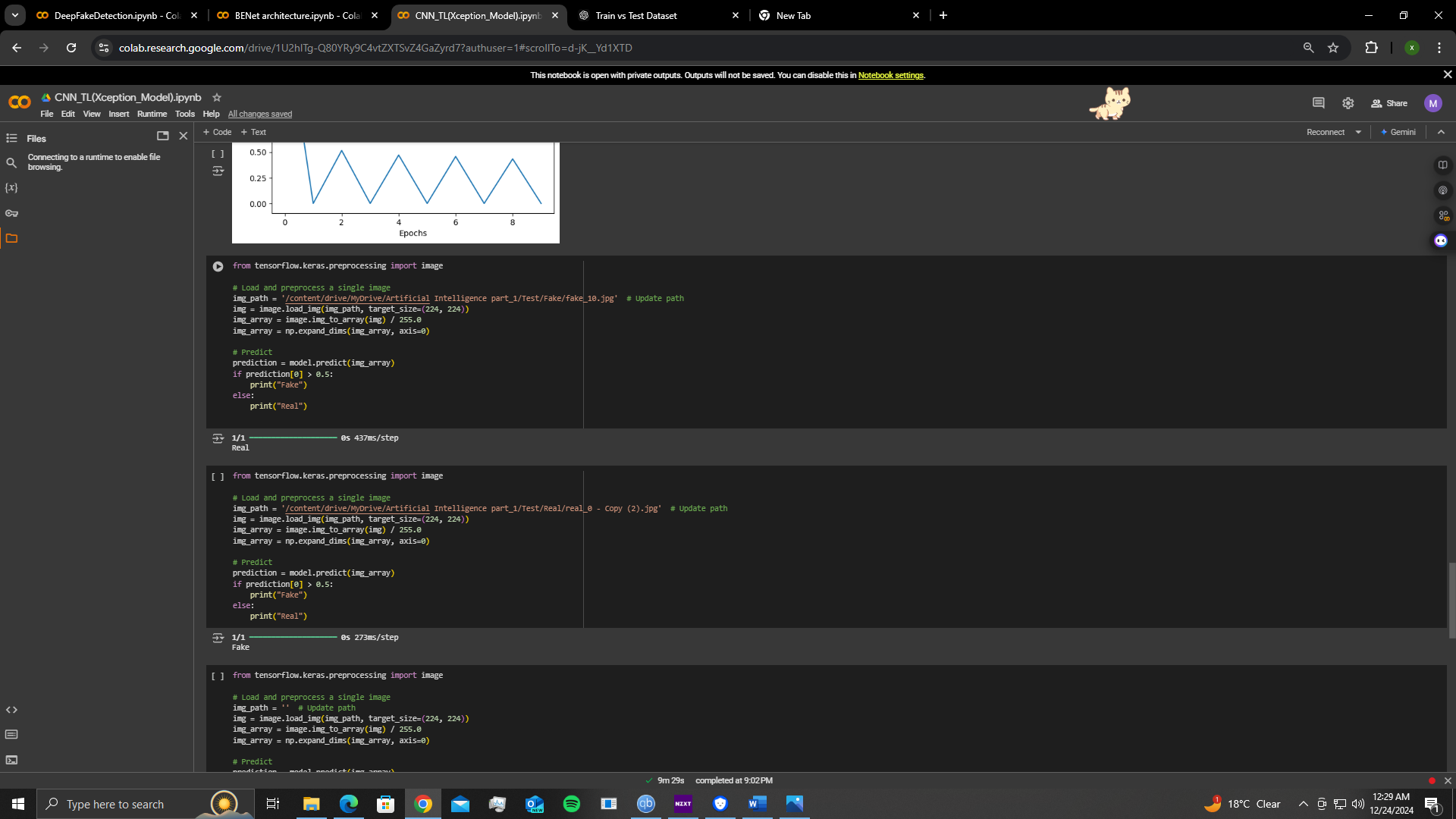
**After Fit the model accuracy and accuracy loss :**

****

**Confusion Metrix :**

****

**Unseen test data :**

****

**GAN’s Model :**