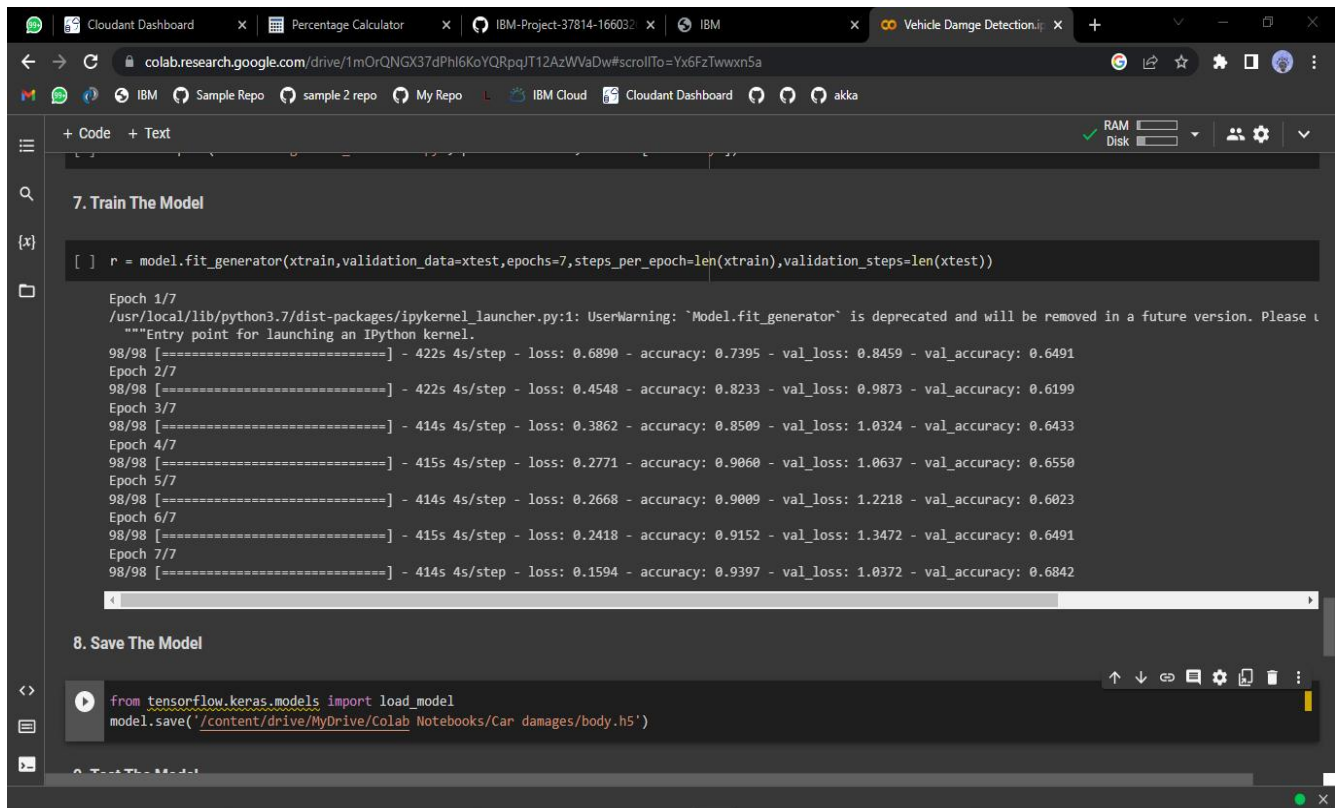


Train the Model

Team ID	PNT2022TMID33385
Project Name	Intelligent vehicle damage assessment & cost estimator for insurance companies.

Train the Model:



```
[ ] r = model.fit_generator(xtrain,validation_data=xtest,epochs=7,steps_per_epoch=len(xtrain),validation_steps=len(xtest))

Epoch 1/7
/usr/local/lib/python3.7/dist-packages/ipykernel_launcher.py:1: UserWarning: `Model.fit_generator` is deprecated and will be removed in a future version. Please use
`tf.keras.models.SequentialModel.fit_generator` as the entry point for launching an IPython kernel.
98/98 [=====] - 422s 4s/step - loss: 0.6890 - accuracy: 0.7395 - val_loss: 0.8459 - val_accuracy: 0.6491
Epoch 2/7
98/98 [=====] - 422s 4s/step - loss: 0.4548 - accuracy: 0.8233 - val_loss: 0.9873 - val_accuracy: 0.6199
Epoch 3/7
98/98 [=====] - 414s 4s/step - loss: 0.3862 - accuracy: 0.8509 - val_loss: 1.0324 - val_accuracy: 0.6433
Epoch 4/7
98/98 [=====] - 415s 4s/step - loss: 0.2771 - accuracy: 0.9060 - val_loss: 1.0637 - val_accuracy: 0.6550
Epoch 5/7
98/98 [=====] - 414s 4s/step - loss: 0.2668 - accuracy: 0.9009 - val_loss: 1.2218 - val_accuracy: 0.6023
Epoch 6/7
98/98 [=====] - 415s 4s/step - loss: 0.2418 - accuracy: 0.9152 - val_loss: 1.3472 - val_accuracy: 0.6491
Epoch 7/7
98/98 [=====] - 414s 4s/step - loss: 0.1594 - accuracy: 0.9397 - val_loss: 1.0372 - val_accuracy: 0.6842

8. Save The Model

from tensorflow.keras.models import load_model
model.save('/content/drive/MyDrive/Colab Notebooks/Car damages/body.h5')
```