Model Building
Importing The Model Building Libraries

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❖ Importing the necessary libraries

Importing Neccessary Libraries

```
[ ]  import numpy as np#used for numerical analysis
     import tensorflow #open source used for both ML and DL for computation
     from tensorflow.keras.models import Sequential #it is a plain stack of layers
     from tensorflow.keras import layers #A layer consists of a tensor-in tensor-out computation function
     #Dense layer is the regular deeply connected neural network layer
     from tensorflow.keras.layers import Dense,Flatten
     #Faltten-used fot flattening the input or change the dimension
     from tensorflow.keras.layers import Conv2D,MaxPooling2D,Dropout #Convolutional layer
     #MaxPooling2D-for downsampling the image
     from keras.preprocessing.image import ImageDataGenerator
```