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| **Importing The Model Building Libraries** | | |  |
|  | **TEAM\_ID** | PNT2022TMID38003 |  |
| **PROJECT NAME** | AI-Powered Nutrition Analyzer For Fitness Enthusiasts |  |
| 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 | | |  |