### **AI-powered Nutrition Analyzer for Fitness Enthusiasts**

Team Leader **:** K.Durka Devi

Team Member : A.Devadharshini, E.Elansuriya, P.Ananya

**Adding CNN Layers**

* For information regarding CNN Layers refer to the link

Link:**[https://victorzhou.com/blog/intro-to-cnns-part-](https://victorzhou.com/blog/intro-to-cnns-part-1/)1**

* As the input image contains three channels, we are specifying the input shape as (64,64,3).
* We are adding a two convolution layer with activation function as “relu” and

with a small filter size (3,3) and the number of filters (32) followed by a max-pooling layer.

* Max pool layer is used to down sample the input.(Max pooling is a pooling operation that selects the maximum element from the region of the feature map covered by the filter)
* Flatten layer flattens the input. Does not affect the batch size.

