

Model Building

Initializing The Model

Date	17 November 2022
Team ID	PNT2022TMID19883
Project Name	AI-Powered Nutrition Analyzer For Fitness Enthusiasts

Initializing The Model

Keras has 2 ways to define a neural network:

- ❖ Sequential
- ❖ Function API

The Sequential class is used to define linear initializations of network layers which then, collectively, constitute a model. In our example below, we will use the Sequential constructor to create a model, which will then have layers added to it using the add() method.

```
classifier = Sequential()
```