

**TEAM ID :** PNT2022TMID07108

**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.

```
model=Sequential()
```