

MODEL BUILDING

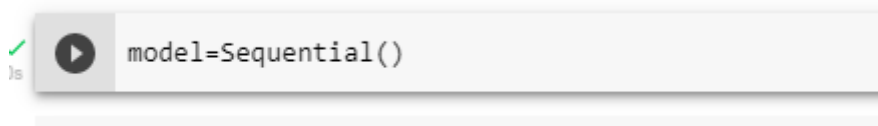
Team ID	PNT2022TMID51044
Project Name	AI-powered Nutrition Analyzer for Fitness Enthusiasts

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.

A code editor snippet showing the initialization of a Keras Sequential model. The code is `model=Sequential()`. To the left of the code is a play button icon, and to the far left is a green checkmark and the text `/s`.

```
✓ /s model=Sequential()
```