

Model Building Phase

Initializing The Model

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Project Name	AI-Powered Nutrition Analyzer For Fitness Enthusiasts

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()
```

Screenshot:

Initializing The Model

```
[15]: model=Sequential()
```