Configure The Learning Process

Topic: AI-powered Nutrition Analyzer for Fitness Enthusiasts

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- The compilation is the final step in creating a model. Once the compilation is done, we can move on to the training phase. The loss function is used to find errors or deviations in the learning process. Keras requires a loss function during the model compilation process.
- Optimization is an important process that optimizes the input weights by comparing the prediction and the loss function. Here we are using adam optimizer.
- Metrics are used to evaluate the performance of your model. It is similar to the loss function, but not used in the training process.

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```python
[ ] model.compile(optimizer='adam', loss='sparse_categorical_crossentropy', metrics=['accuracy'])
```