**Feature**

Before understanding what is a feature selection we have to understand what a future is. A feature is an attribute that has an impact on a problem.

We can understand it practically as these are the ingredients for a dish.

**Feature selection**

Feature selection is the process of selecting the most important feature to the machine learning model so that it will give the correct output. We can so this by either removing the unnecessary variable or adding the necessary variable.

We can understanding it practically as that we should only put the ingredient while making food not any other thing

**Benefit of feature selection**

* It helps in avoiding the curse of dimensionality.
* It helps in the simplification of the model so that it can be easily interpreted by the researchers.
* It reduces the training time.
* It reduces overfitting hence enhance the generalization.