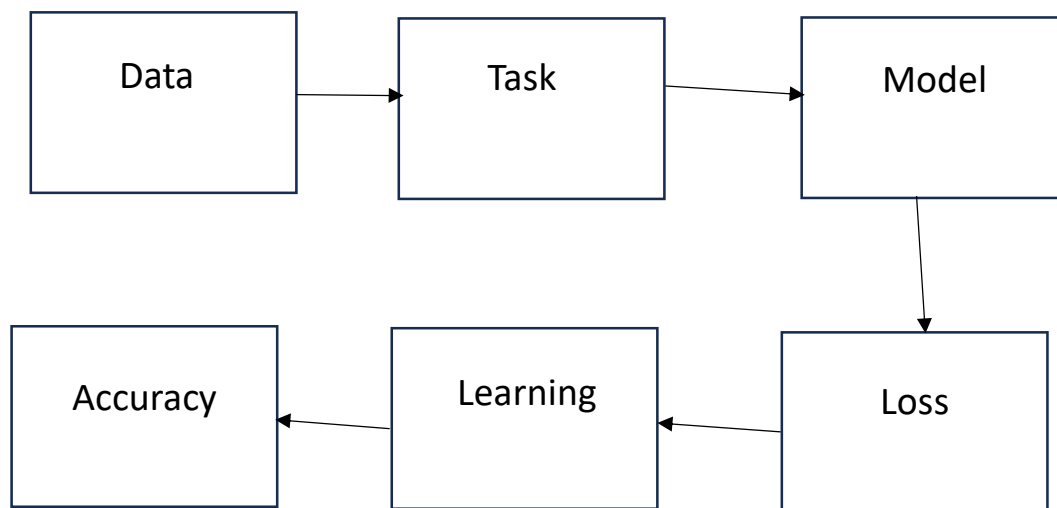


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6 Important Jars:



- ➔ The dataset we took is names which is downloaded by `nltk.download('names')`
- ➔ The task is to identify the gender based on names
- ➔ Here we are using Naive Bayes Classifier for training the model so that it can predict or identify the gender.
- ➔ The model is a mathematical function that should approximate or arrive around the value
- ➔ Learning rate is a parameter that updates the weight and bias vector. The number of epochs should gradually increase to avoid overfitting.
- ➔ The accuracy is derived by `print(nltk.classify.accuracy(classifier,test_set))`

