**Machine Learning and NLP to Predict Gender from First Name**

**Data Set –**

We have dataset on which we tried Machine learning algorithm like Dicision tree classifier and xgboost classifier.

**Data Prep –**

We prepared data and took only 2 columns as Names and Gender.

**Model –**

We created a model using NLP, Decision Tree Classifier and XGBoost Classifer. Got around 88% accuracy on testing data.

**Training Data –**

80% data used for training data from the given dataset.

**Testing Data –**

20% data used for testing data from the given dataset.

**Result –**

Achieved around 88% accuracy in Decision tree and XGboost classifier algorithm. And 80% accuracy from NLP.