

```
In [ ]: # Author : Amir Shokri
        # github link : https://github.com/amirshnll/Online-Shoppers-Purchasing-Intention/
        # dataset link : http://archive.ics.uci.edu/ml/datasets/Online+Shoppers+Purchasing+Intention+Dataset
        # email : amirsh.nll@gmail.com
```

```
In [1]: import pandas
        df = pandas.read_csv("O_S_I_train.csv")
```

```
In [2]: from sklearn.model_selection import train_test_split

        from sklearn.feature_extraction.text import CountVectorizer

        from sklearn.feature_extraction.text import TfidfTransformer

        from sklearn.naive_bayes import MultinomialNB

        X_train, X_test, y_train, y_test = train_test_split(df, df['Revenue'], random_state = 0)
```

```
In [3]: #Import Gaussian Naive Bayes model
        from sklearn.naive_bayes import GaussianNB

        gnb = GaussianNB()

        gnb.fit(X_train, y_train)

        y_pred = gnb.predict(X_test)
```

```
In [4]: from sklearn import metrics

        print("Accuracy:",metrics.accuracy_score(y_test, y_pred))
```

Accuracy: 1.0