A 12 Naive Bayers.pdf Open with Google Docs

In [5]:

```
import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns
%matplotlib inline
import os
import warnings
warnings.filterwarnings('ignore')

from pandas.plotting import scatter_matrix
from sklearn.linear_model import LogisticRegress
from sklearn.model_selection import train_test_s
from sklearn.model_selection import KFold
from sklearn.model_selection import cross_val_sc
from sklearn import metrics
import statsmodels.api as sm

from sklearn.datasets import fetch_20newsgroups
from sklearn.feature_extraction.text import Coun
from sklearn.naive_bayes import GaussianNB
from sklearn.metrics import confusion_matrix, pl
```

Import Dataset

In [6]:

```
salarydata_train = pd.read_csv('C:/Users/Hp/Down
salarydata_train.head()
```

Out[6]:

	age	workclass	education	educationno	maritalstatus
0	39	State-gov	Bachelors	13	Never-married
1	50	Self-emp-not-inc	Bachelors	13	Married-civ-spouse
2	38	Private	HS-grad	9	Divorced
3	53	Private	11th	7	Married-civ-spouse
4	28	Private	Bachelors	13	Married-civ-spouse