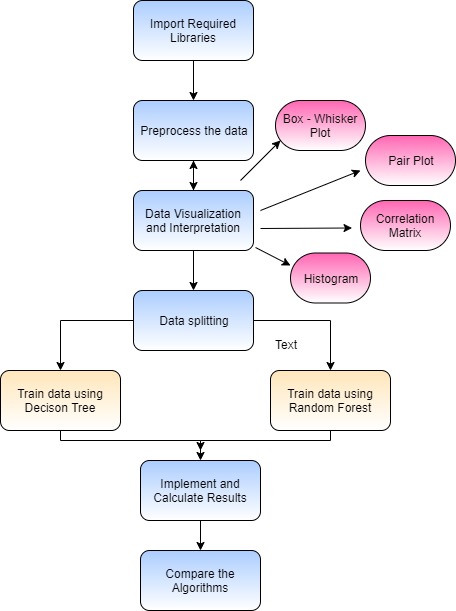


Breast Cancer Detection

Nitika Agarwal

179302095

# **Breast Cancer Prediction Flow Chart**

****

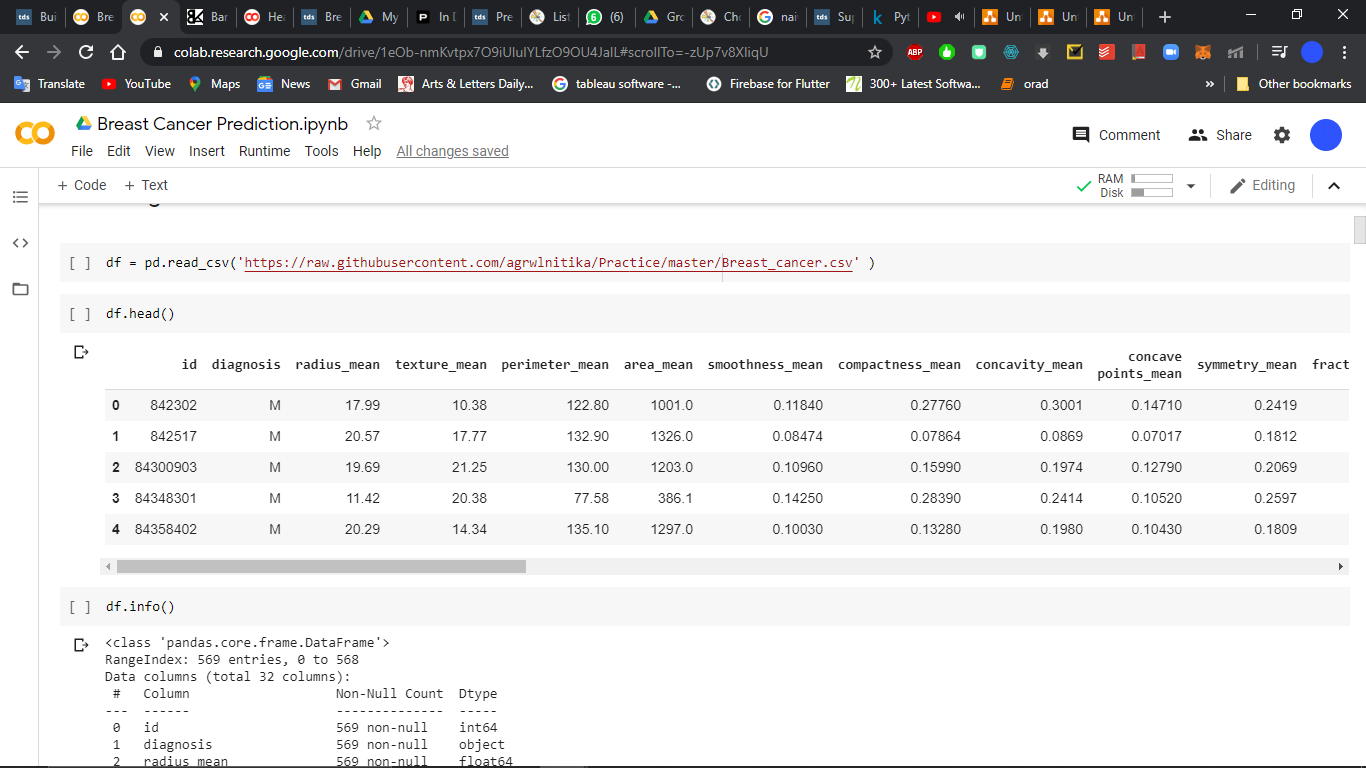
Apply

naïve Bias

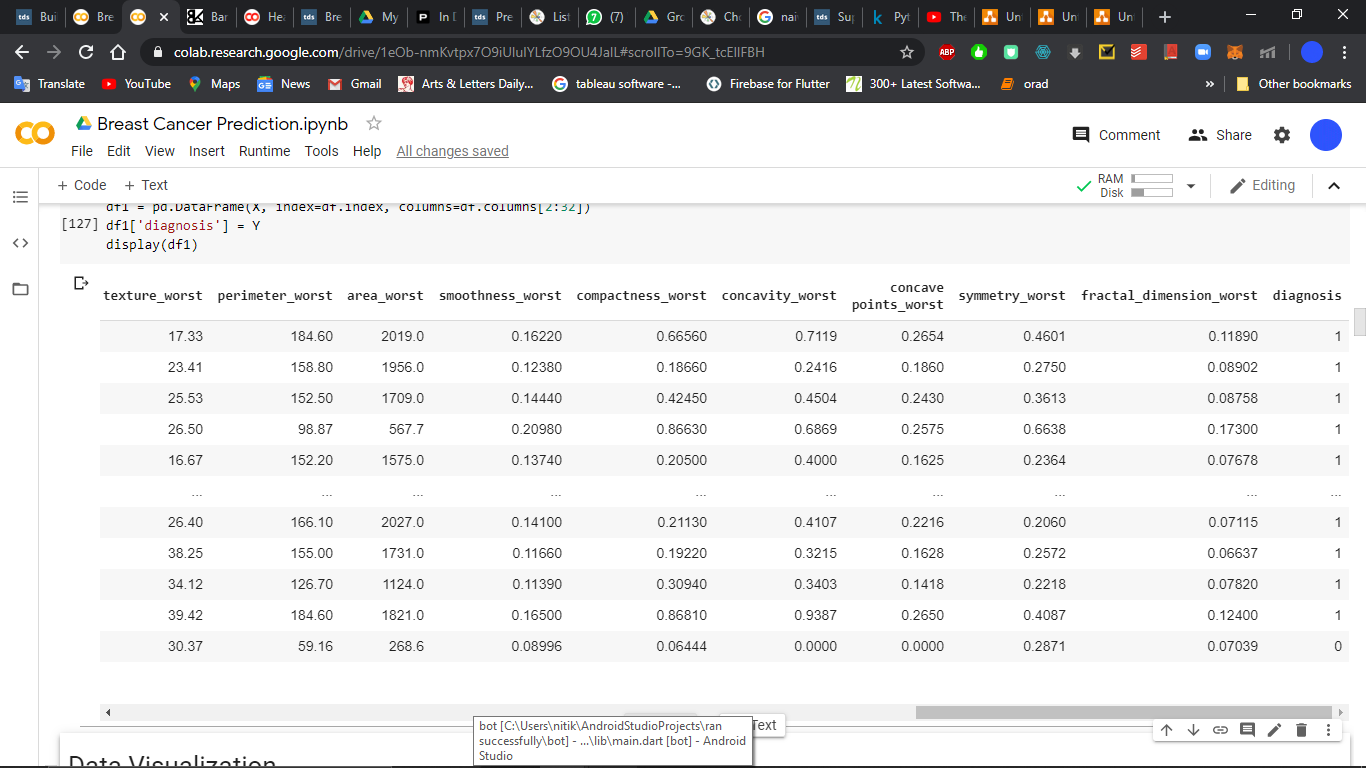
Apply SVM

# **Dataset Information**

Original Dataset

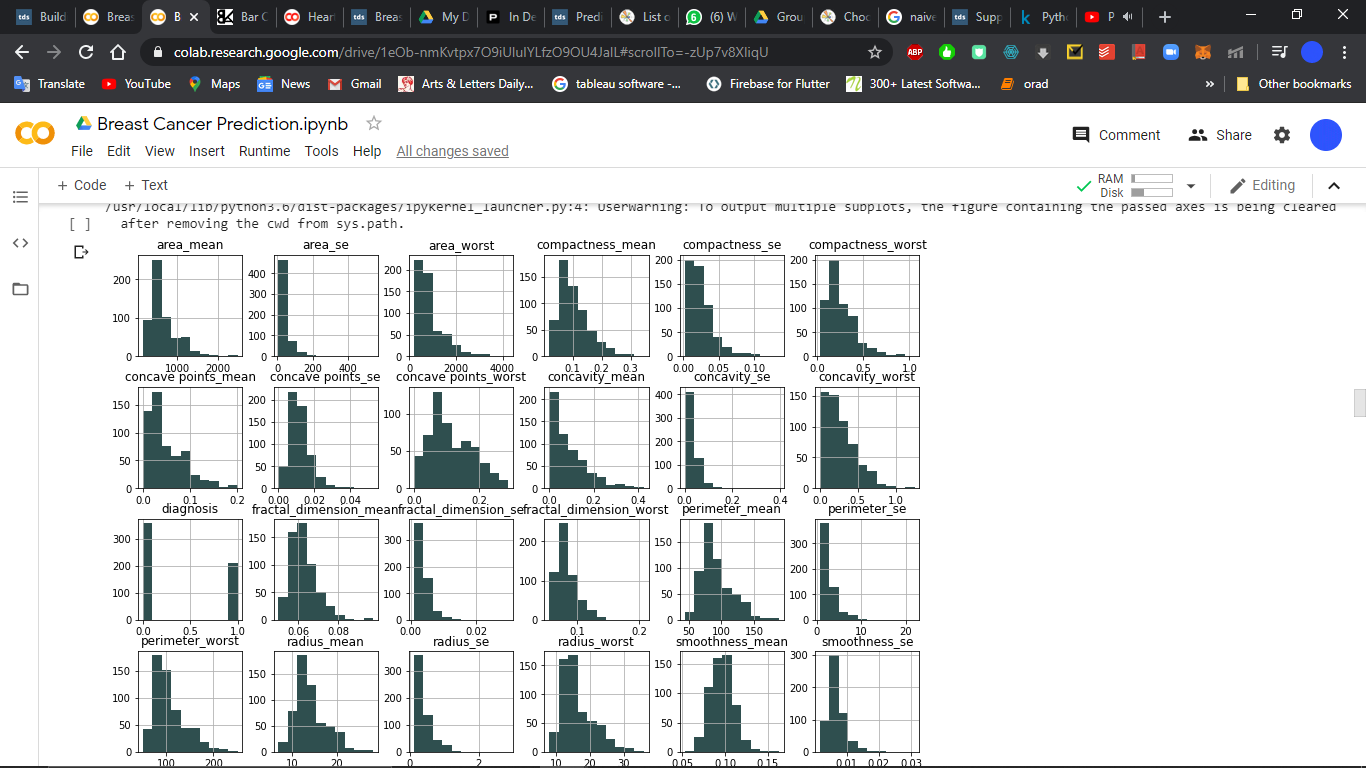


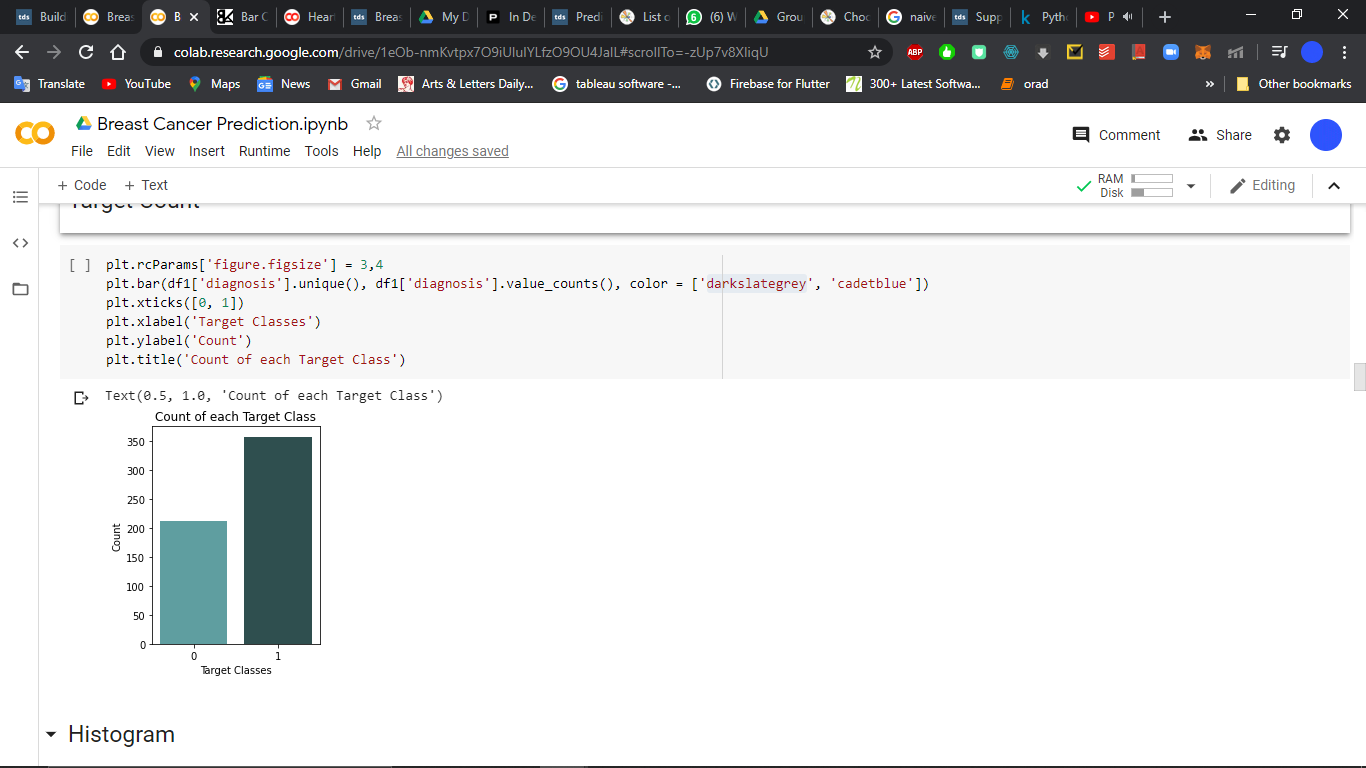
Preprocessed Dataset

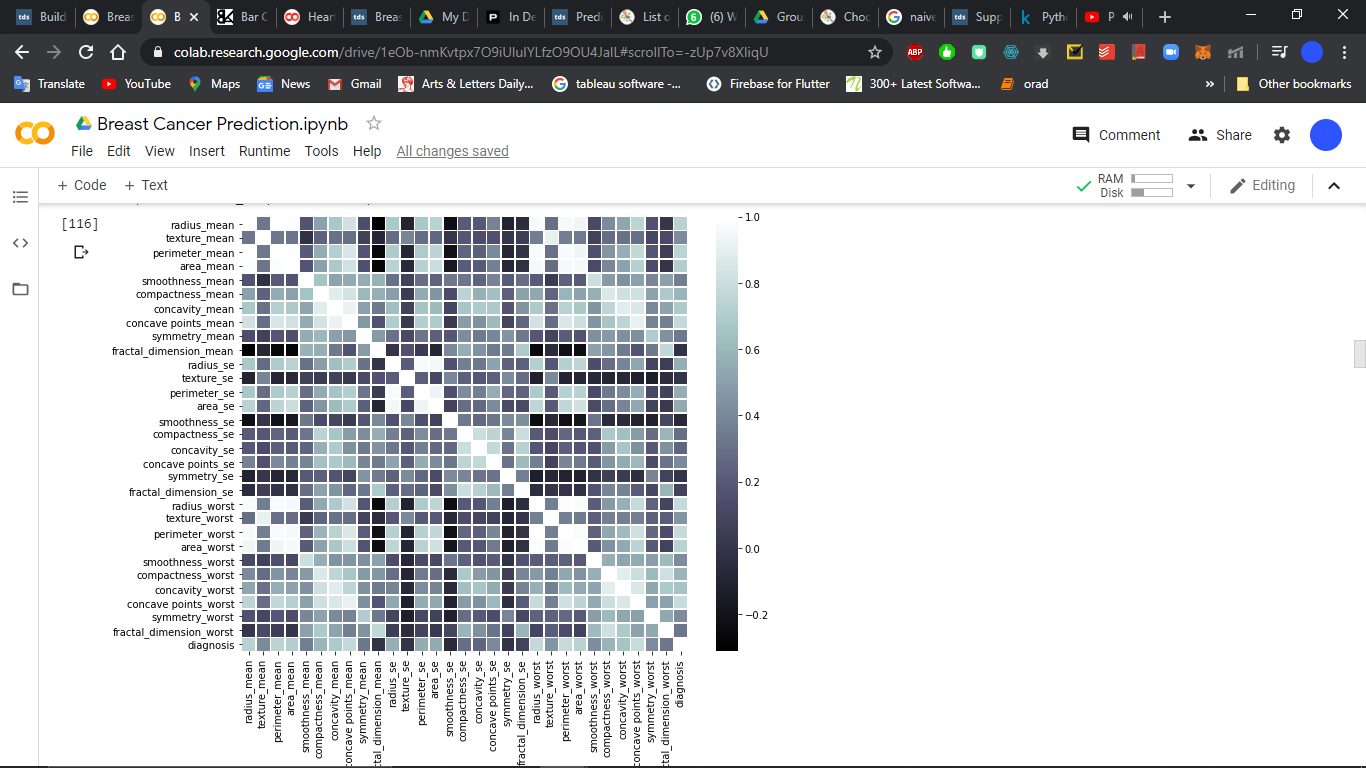


# **Dataset Interpretations**

Histograms

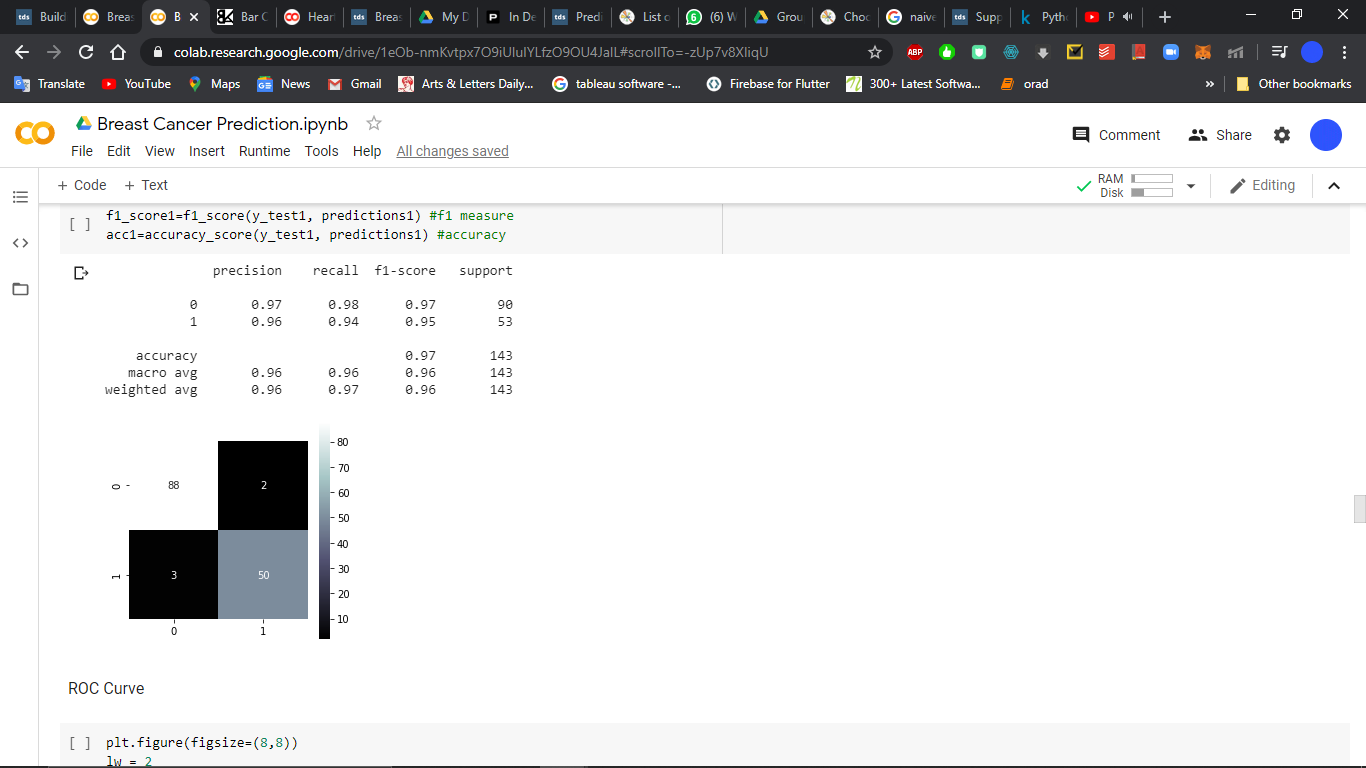


Target Classes

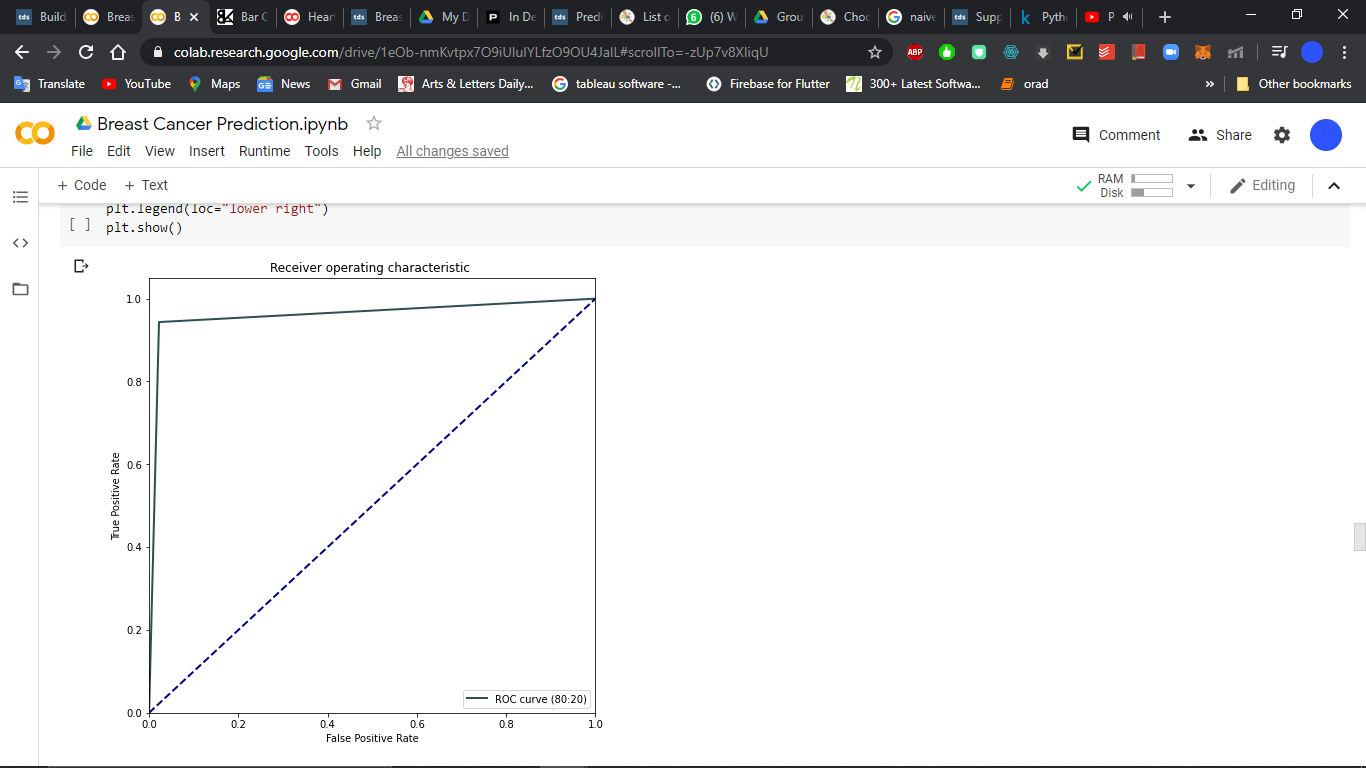
Correlation Matrix

# **Support Vector Machine**

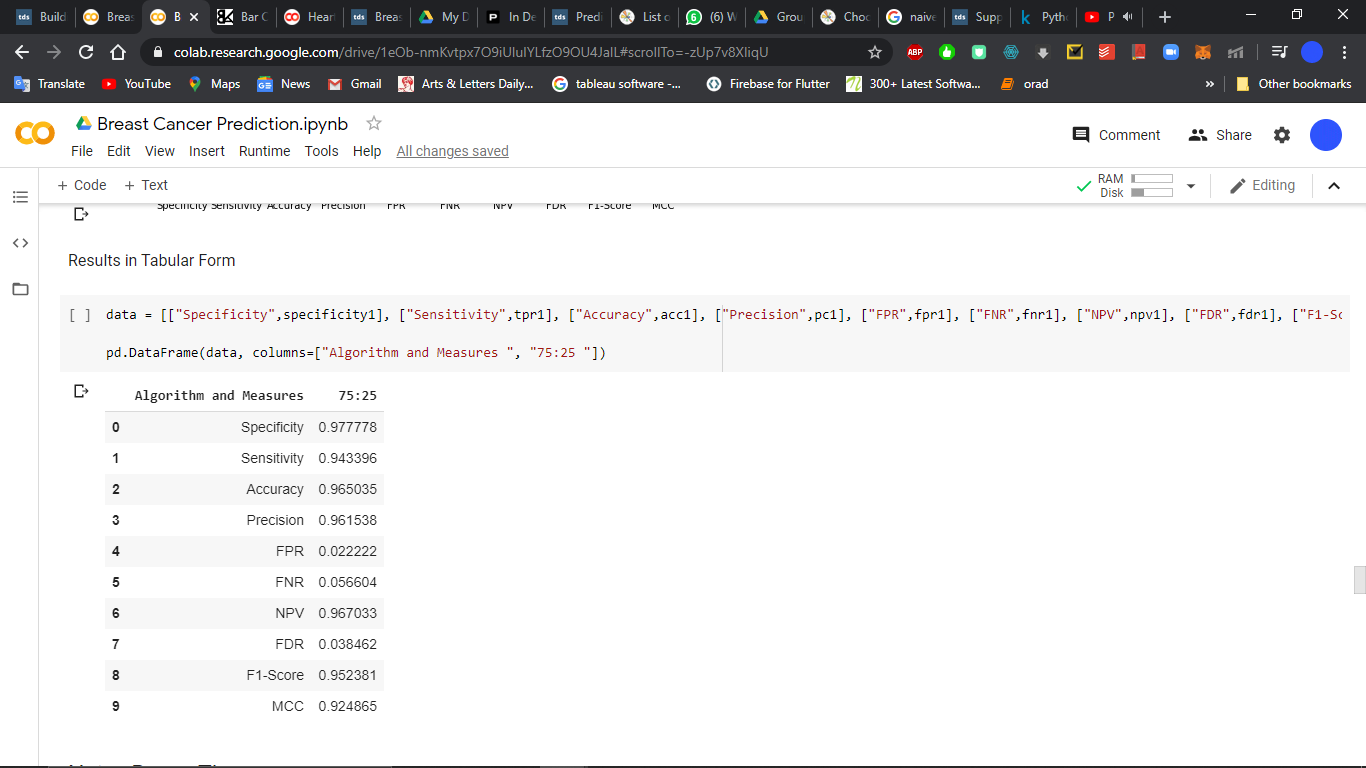
Classification report and Confusion Matrix



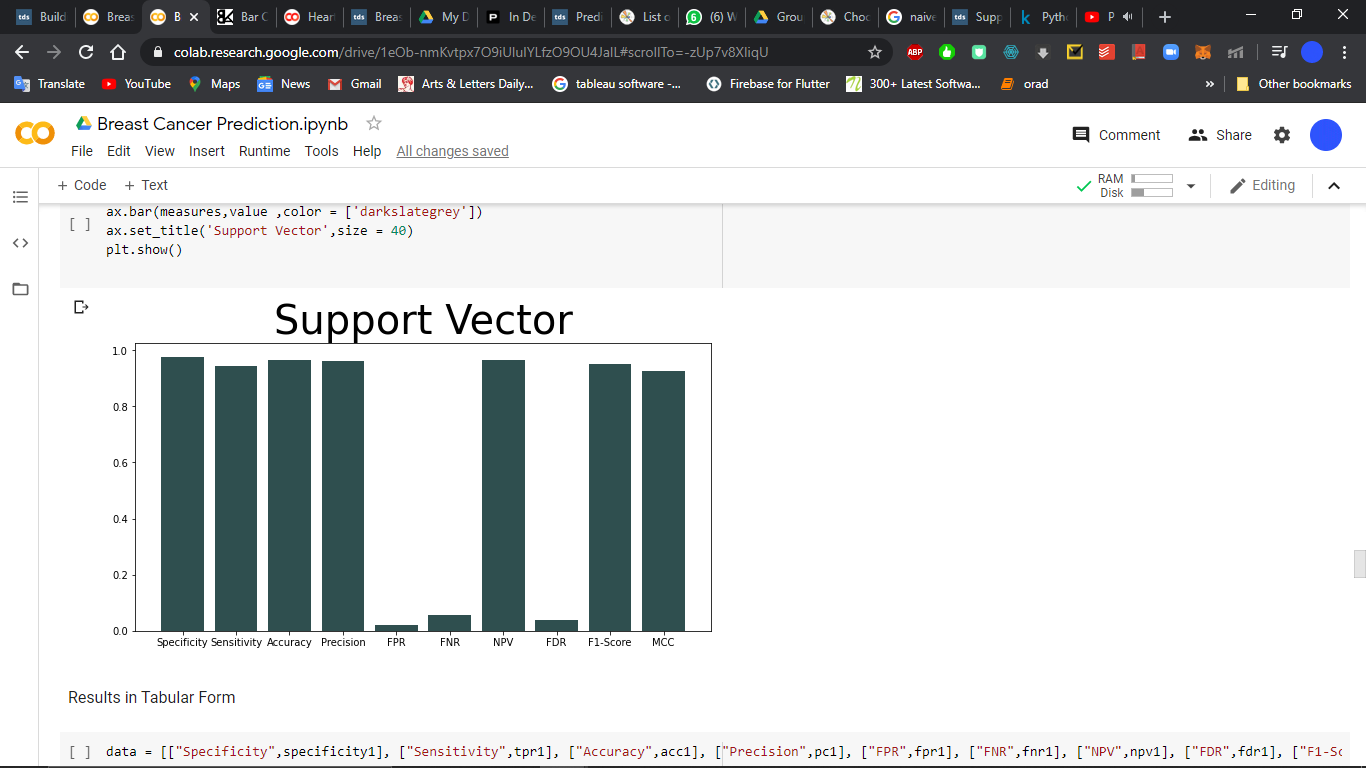
Reciever Operating Curve



Results in Tabular Form

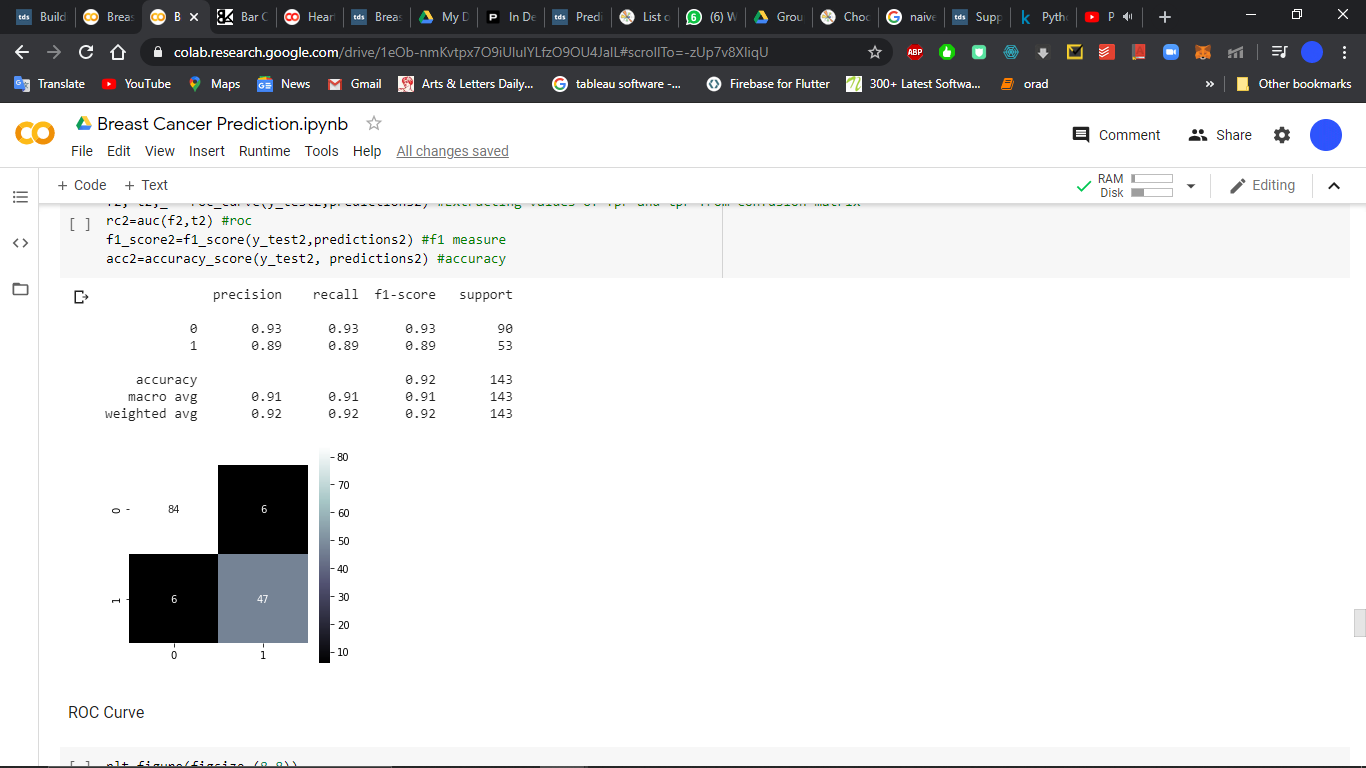


Results in Graphical Form

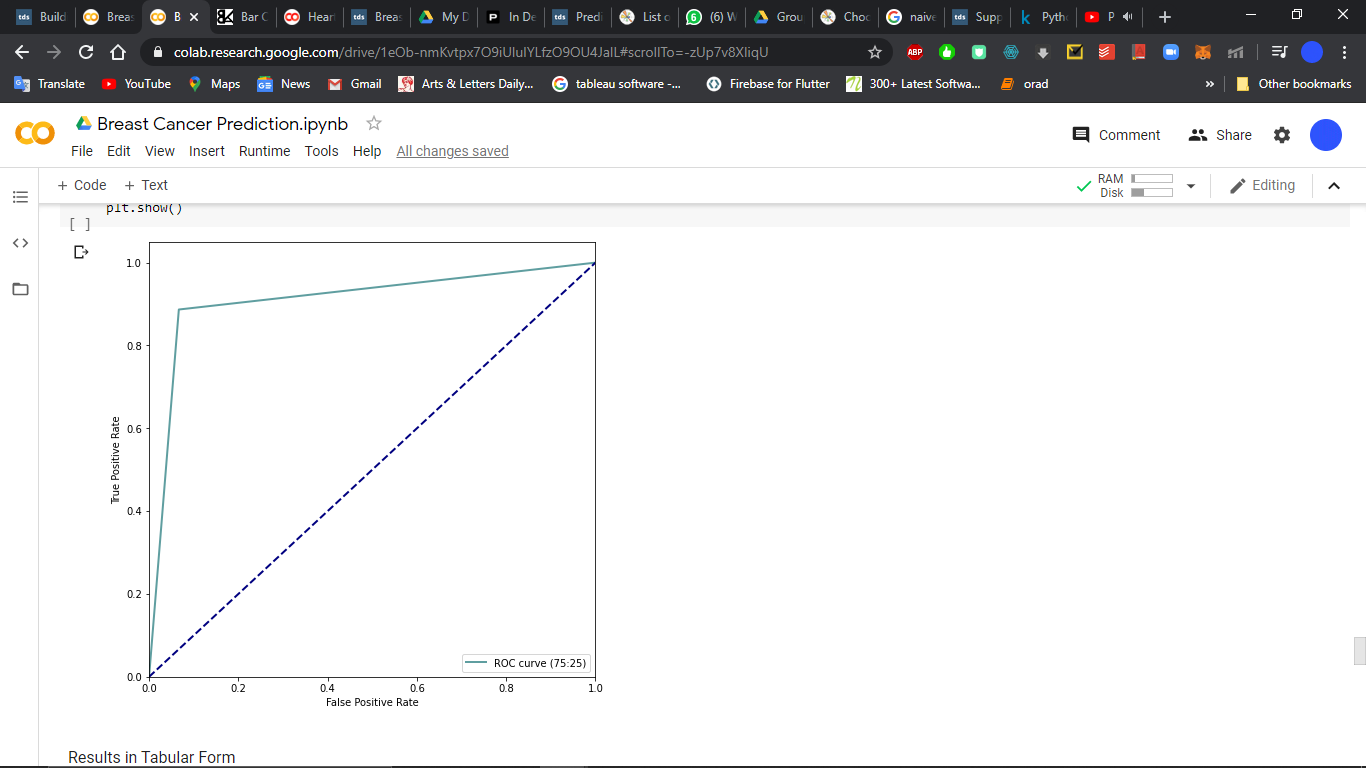


# **Naïve Bayes Algorithm**

Classification report and Confusion Matrix



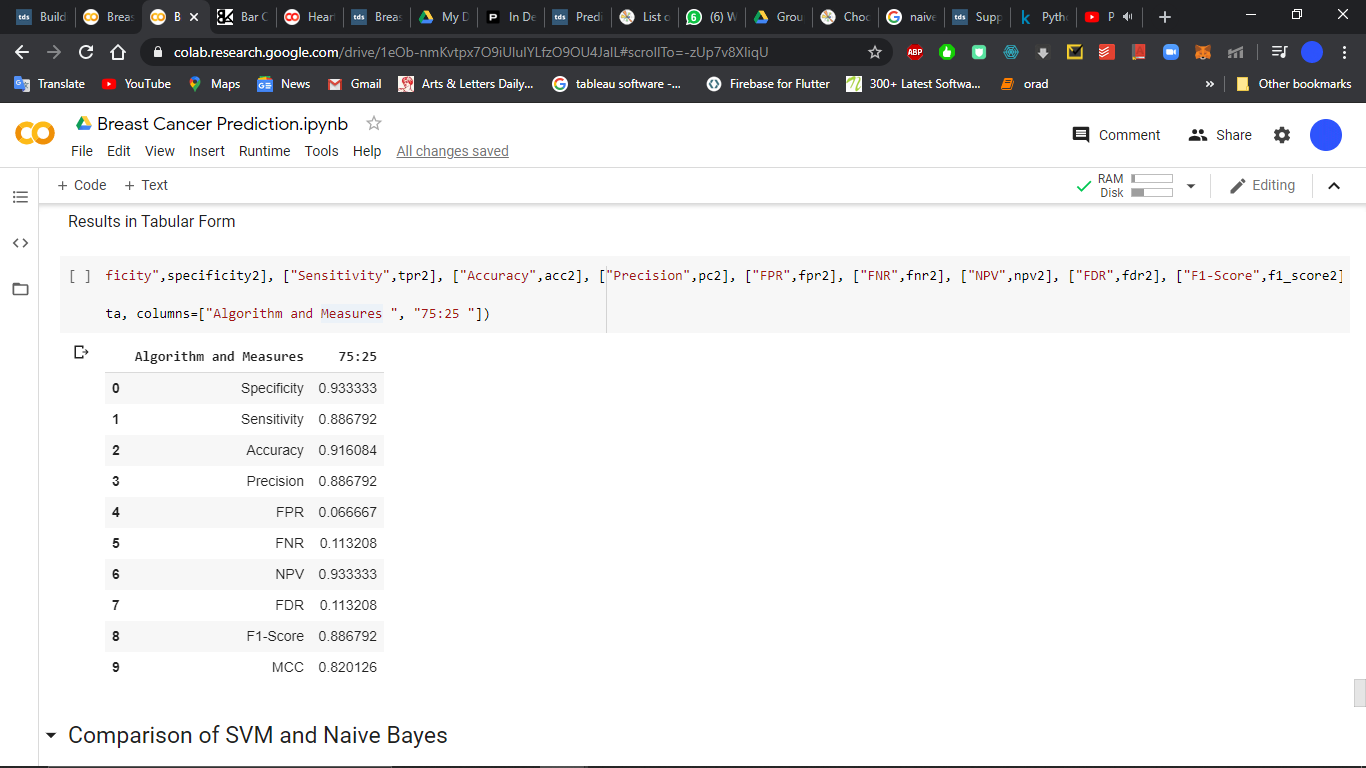
Reciever Operating Curve



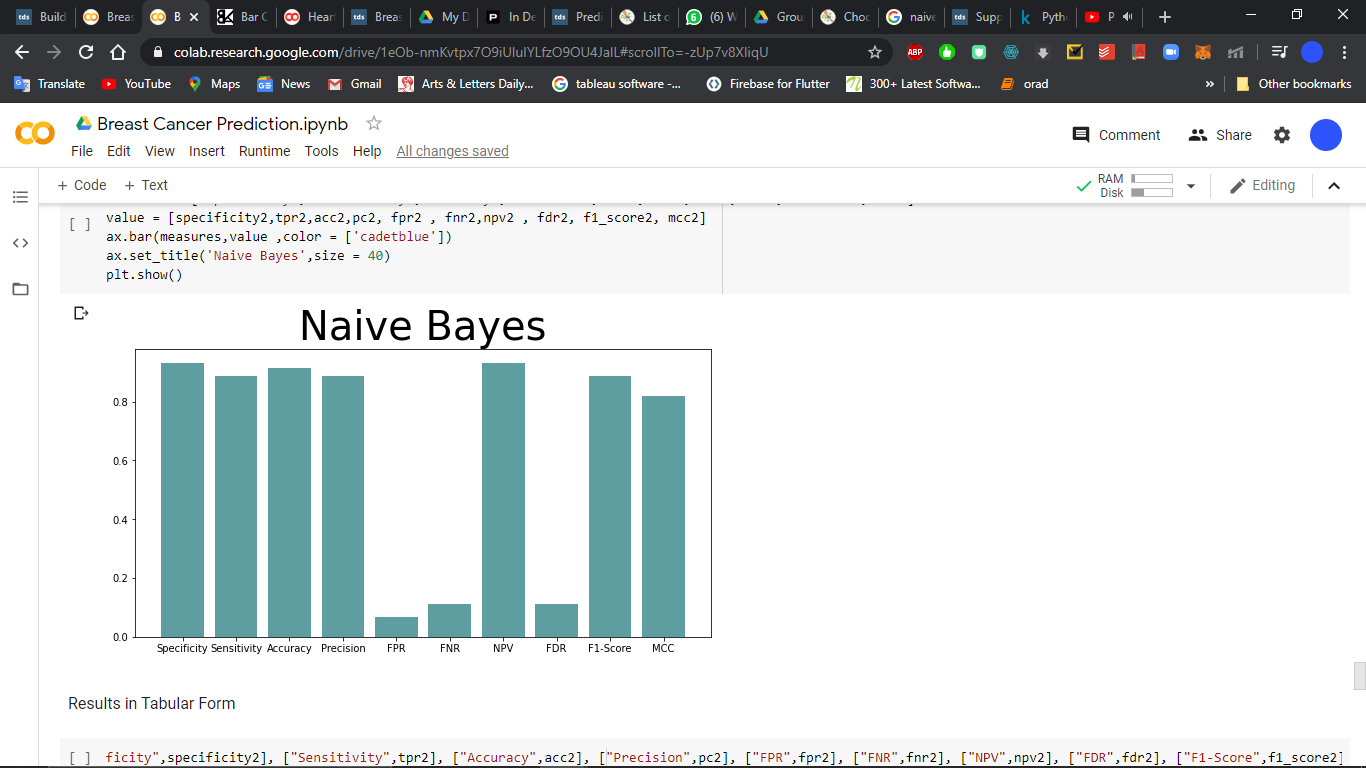
Results in Tabular Form

Results in Tabular Form

Results in Tabular Form

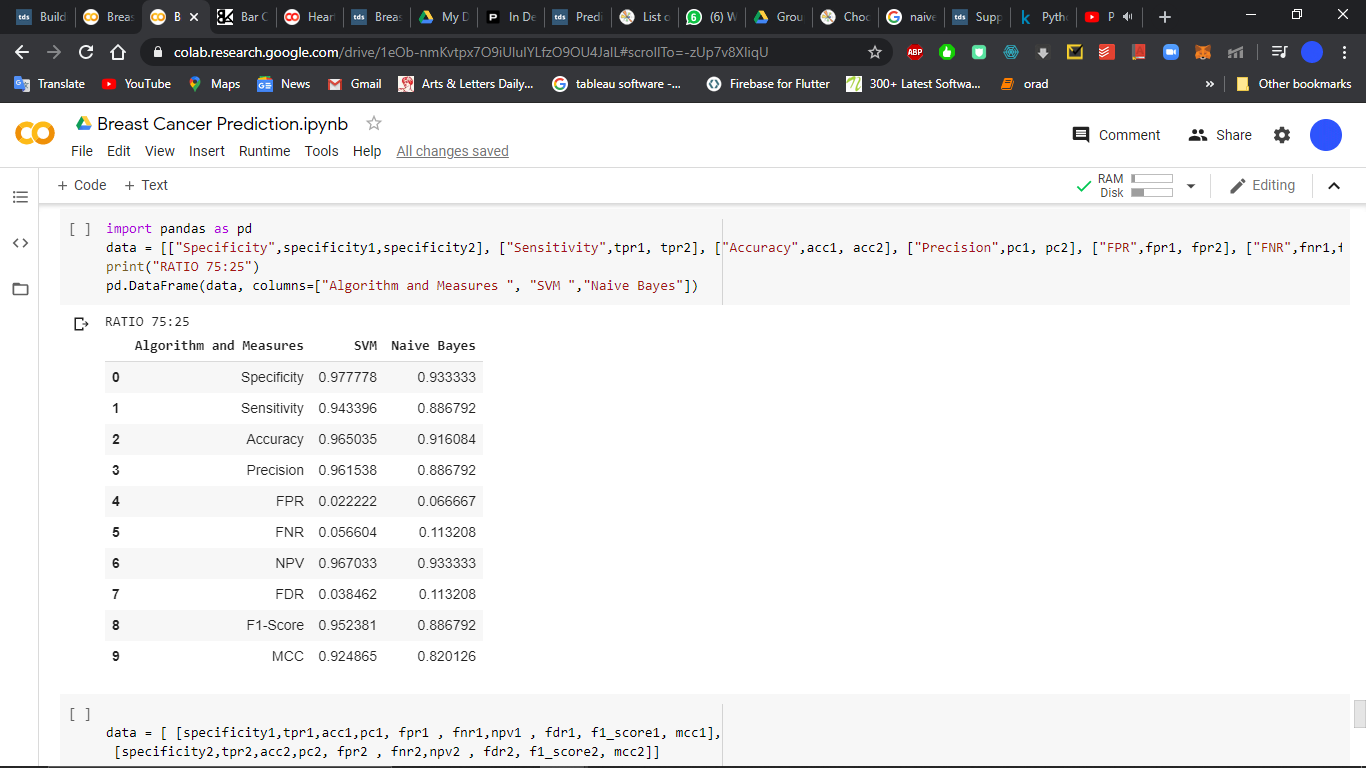


Results in Graphical Form



# **Naïve Bayes vs Support Vector Machine**

Results in Tabular Form



Results in Graphical Form

