Highest Accuracy achieved for Support Vector Machine for Binary Classification : 0.80400390625
I achieved the result through building a pipeline for SVM using scikit -learn library with a RBF kernel and considering unigrams from the dataset.
I experimented with different features present in the data and how they can affect the truthfulness of the claim. I have explained them clearly in the notebook.
Please refer to the notebook for additional ideas and exploration.
I have also cited all libraries and code used in the notebook itself at the end.