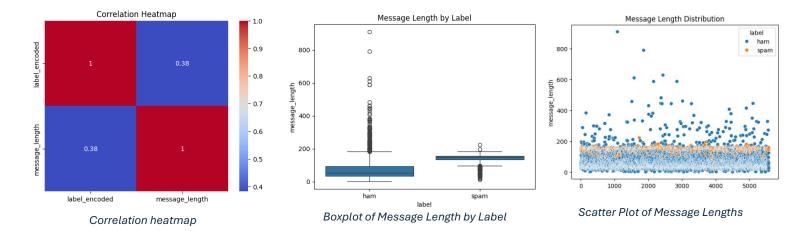
Implementation Output:



Load Dataset:



Decision Tree:

```
→ Decision Tree Accuracy: 0.967713004484305
    [[949 17]
     [ 19 130]]
                   precision
                                recall f1-score
                                                    support
                        0.98
                                  0.98
                                            0.98
                                                        966
                        0.88
                                                        149
                                  0.87
                                            0.88
                                            0.97
                                                       1115
        accuracy
       macro avg
                        0.93
                                  0.93
                                            0.93
                                                       1115
    weighted avg
                        0.97
                                  0.97
                                            0.97
                                                       1115
```

K-Nearest Neighbours:

```
KNN Accuracy: 0.9327354260089686
[[955 11]
 [ 64 85]]
             precision recall f1-score
                                          support
                 0.94
                          0.99
          0
                                    0.96
                                              966
          1
                 0.89
                          0.57
                                    0.69
                                              149
                                    0.93
                                             1115
   accuracy
                           0.78
                                    0.83
                 0.91
                                             1115
   macro avg
                 0.93
                           0.93
                                    0.93
                                             1115
weighted avg
```

Compare the performance of DT and KNN using accuracy and F1 Score:

