**Set 1 – Models**

**# 1. Logistic Regression Model**

precision recall f1-score support

0 0.43 0.03 0.06 9712

1 0.93 1.00 0.96 123685

micro avg 0.93 0.93 0.93 133397

macro avg 0.68 0.51 0.51 133397

weighted avg 0.89 0.93 0.90 133397

**# 2. Decision Tree Model**

precision recall f1-score support

0 0.68 0.53 0.59 9712

1 0.96 0.98 0.97 123685

micro avg 0.95 0.95 0.95 133397

macro avg 0.82 0.75 0.78 133397

weighted avg 0.94 0.95 0.94 133397

**# 3. Random Forest Model**

precision recall f1-score support

0 0.75 0.46 0.57 9712

1 0.96 0.99 0.97 123685

micro avg 0.95 0.95 0.95 133397

macro avg 0.86 0.72 0.77 133397

weighted avg 0.94 0.95 0.94 133397

**4. K-Nearest Neighbors (KNN) Model**

precision recall f1-score support

0 0.00 0.00 0.00 11911

1 0.93 1.00 0.96 154835

micro avg 0.93 0.93 0.93 166746

macro avg 0.46 0.50 0.48 166746

weighted avg 0.86 0.93 0.89 166746

**# 5. Deep Learning Model**

precision recall f1-score support

0.0 0.54 0.10 0.17 11911

1.0 0.93 0.99 0.96 154835

micro avg 0.93 0.93 0.93 166746

macro avg 0.74 0.55 0.57 166746

weighted avg 0.91 0.93 0.91 166746