**SOLUTION ARCHITECTURE**

**USER INPUTS FOR DATA COLLECTION**

**DATASET FORMATION**

**DATA PRE-PROCESSING**

**NAÏVE BAYES**

**USER INPUTS FOR PREDICTION**

**TRAIN MODEL**

**TEST MODEL**

**DECISION TREE**

**RANDOM FOREST**

**LOGISTIC REGRESSION**

**SUPPORT VECTOR MACHINE**

**LINEAR REGRESSION**

**USER INTERFACE**

**PERFORMANCE ANALYSIS**

**PREDICTION**

**MODEL**