Questions for Prof: April 21, 2020

1. Decision Trees:
   1. Over 95 percent:
      1. Gini: 77.8
      2. Entropy: 77.8
   2. Over 90 percent:
      1. Gini: 90
      2. Entropy: 90
2. For Random Forest -- schools with a vaccination rate over 95 percent:
   1. All Features:
      1. Accuracy 80.6
      2. ROC\_Auc 86.6
   2. K Features
      1. Accuracy 80.2
      2. ROC\_Auc 86.5
3. For Random Forest – schools with vaccination rate over 90 percent:
   1. All Features:
      1. Accuracy 89.5
      2. ROC\_Auc 86.9
   2. K Features:
      1. Accuracy 89.4
      2. ROC\_Auc 86.9
4. GUI –What do we need??
   1. Decision Tree
   2. Random Forest
   3. KNN
   4. Map of Vaccination rates
   5. Does it need to be interactive??