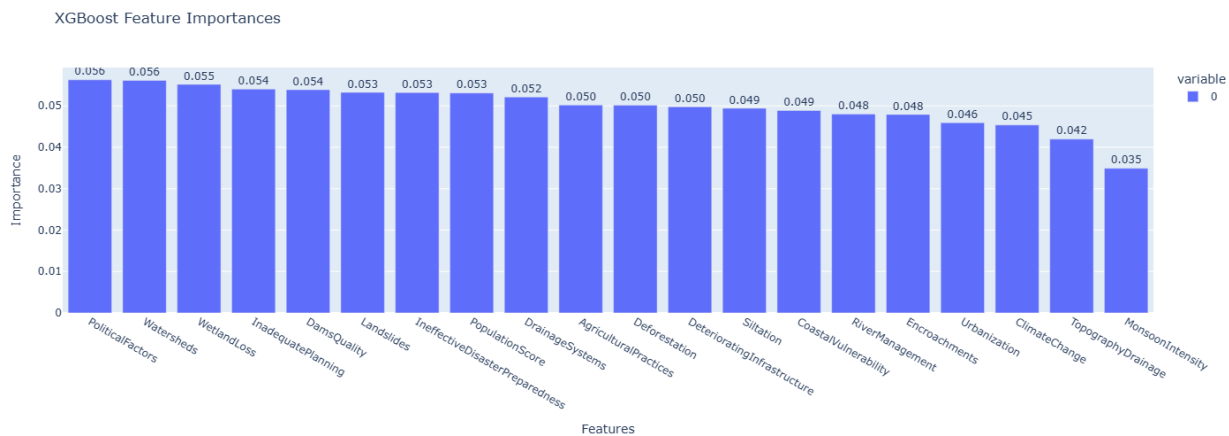
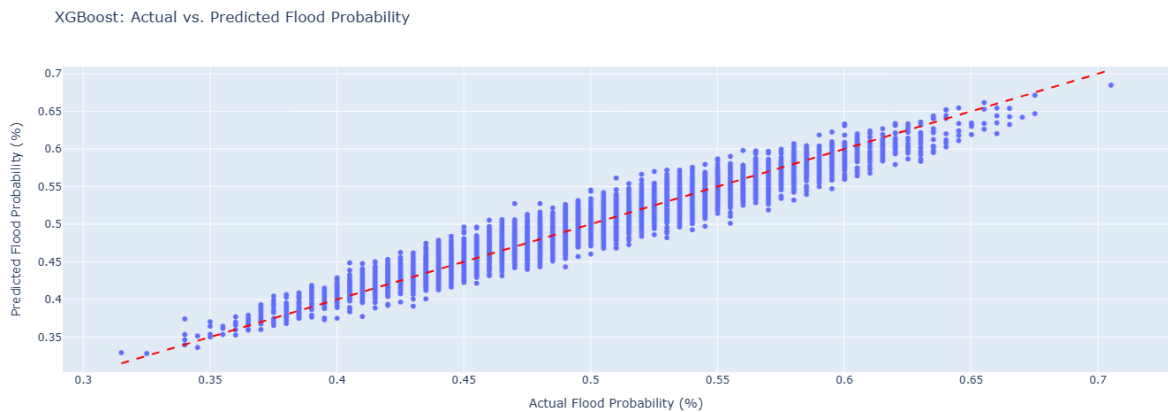


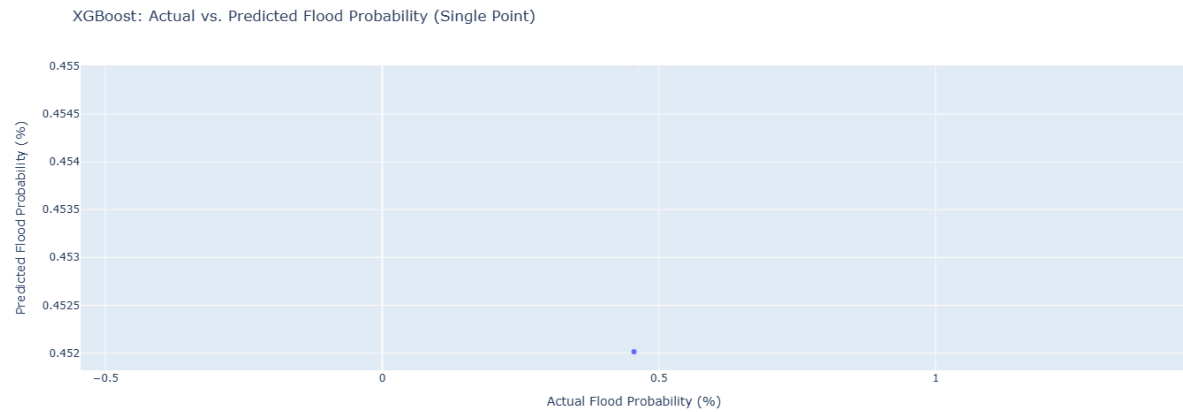
Pictures that are included in the Mini Project since graphs generated by plotly are not visible on GitHub



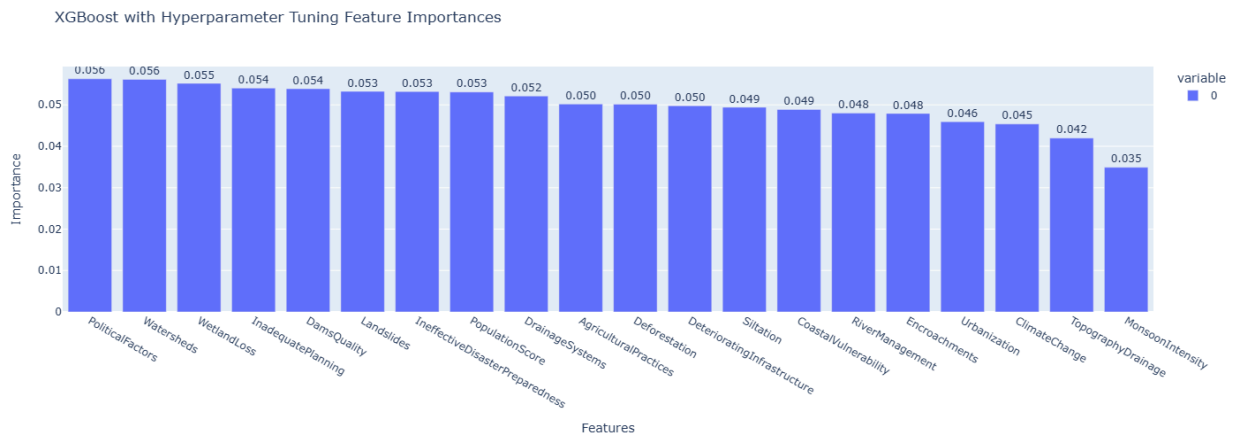
XGBoost Feature Importance



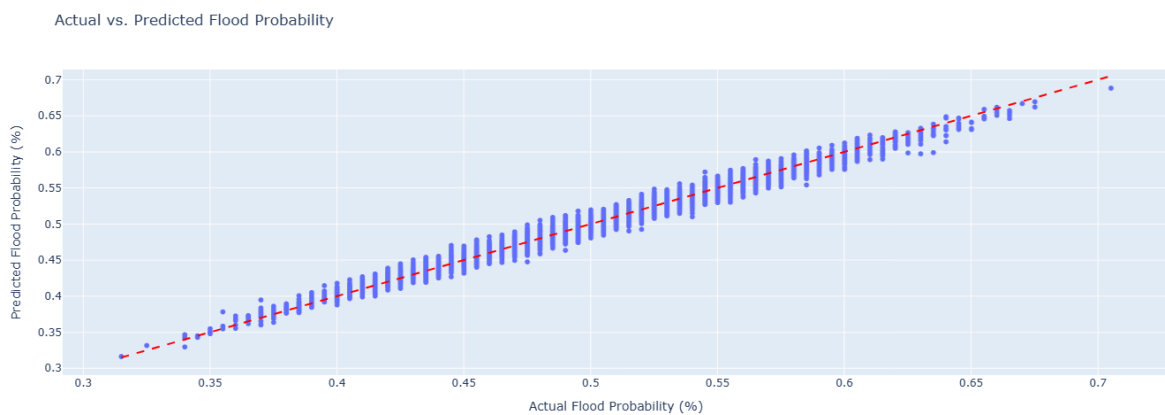
XGBoost: Actual vs Predicted Flood Probability



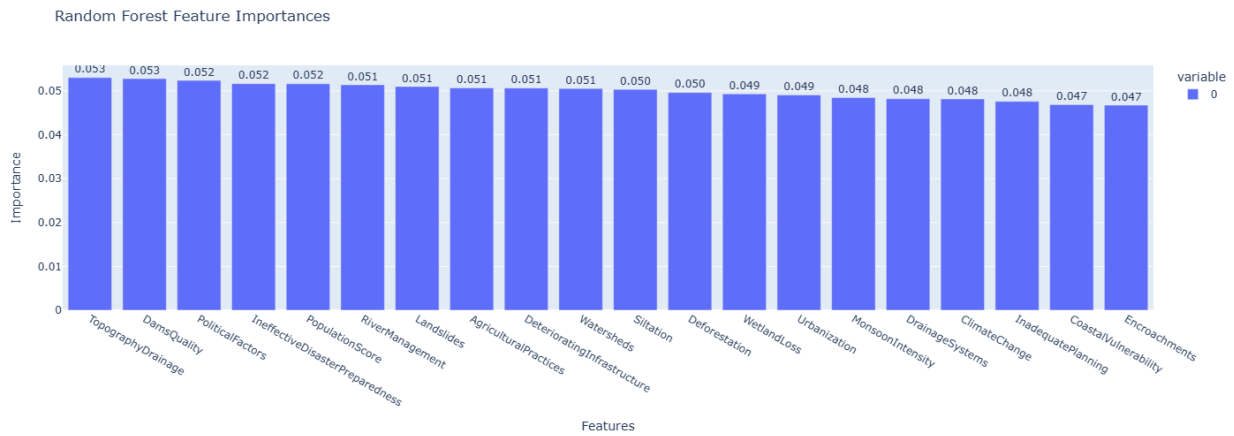
Single Point to know the comparison between actual and predicted



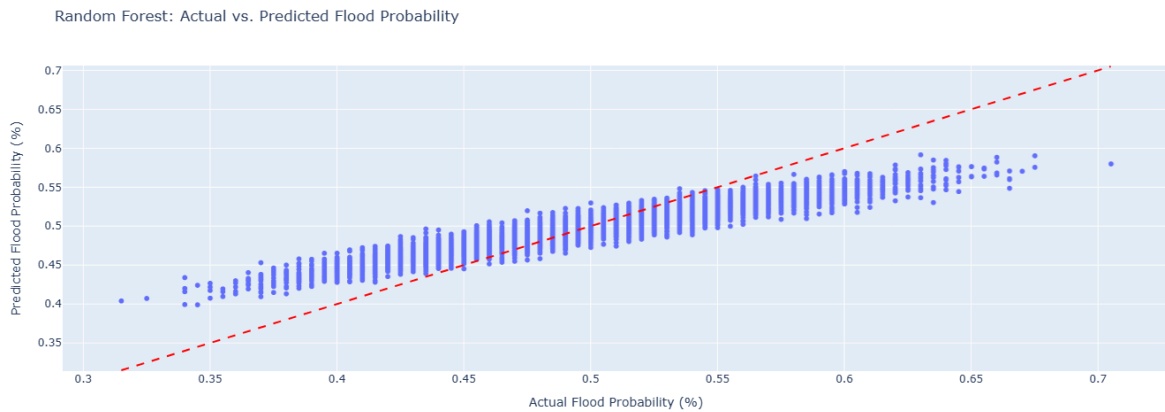
XGBoost with Hyperparameter Tuning Feature Importance



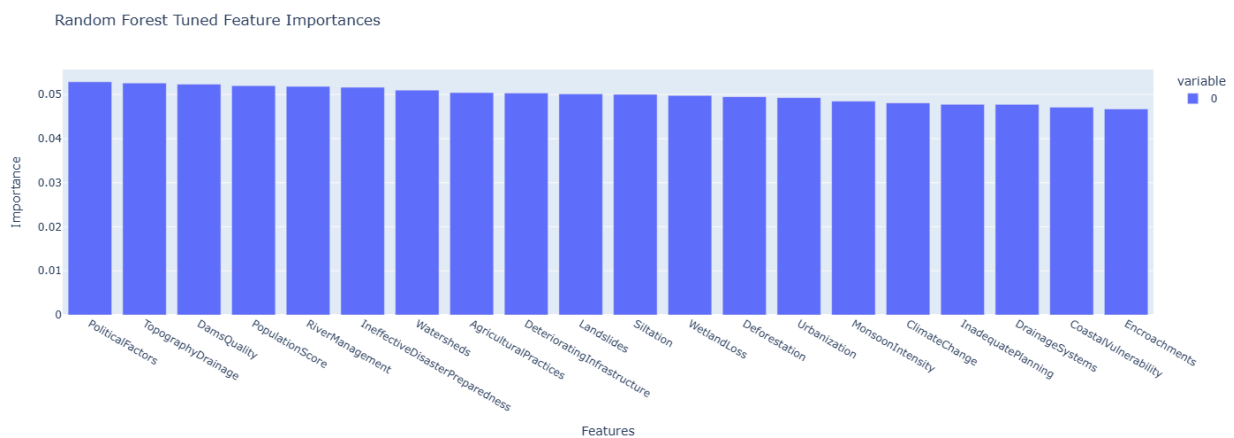
XGBoost with Hyperparameter Tuning Actual vs Predicted Flood Probability



Random Forest Feature Importance

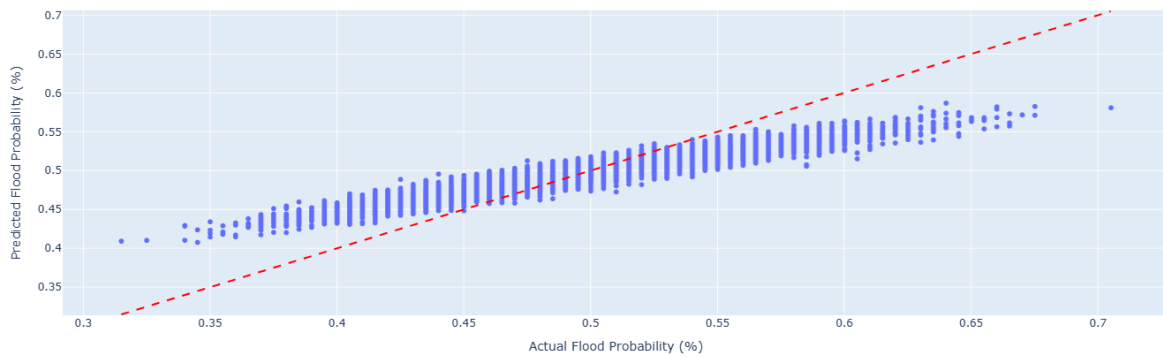


Random Forest Actual vs Predicted Flood Probability



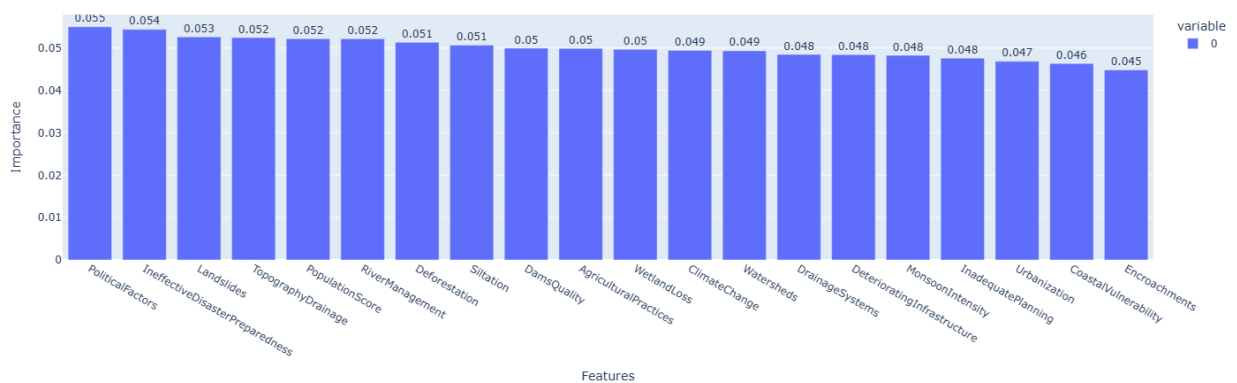
Random Forest with Hyperparameter Tuning Feature Importance

Random Forest (Tuned): Actual vs. Predicted Flood Probability



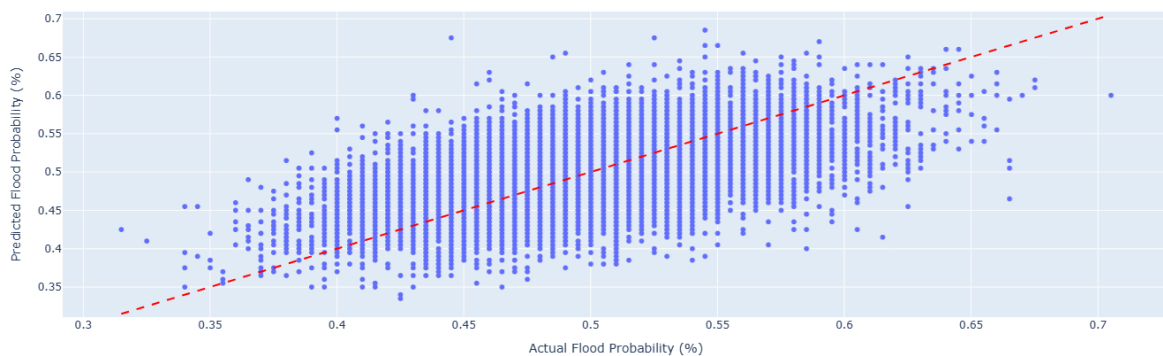
Random Forest with Hyperparameter Actual vs Predicted Flood Probability

Decision Tree Feature Importances

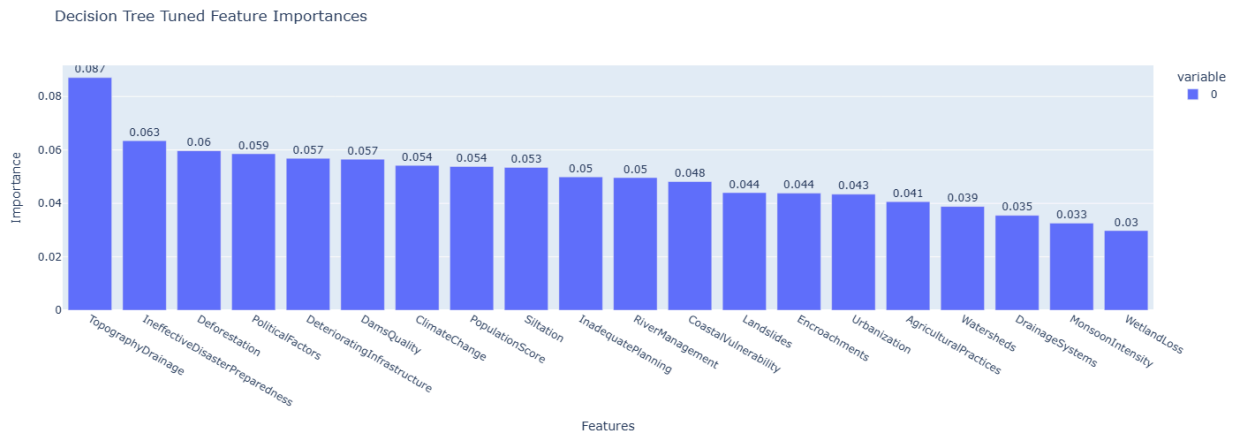


Decision Tree Feature Importance

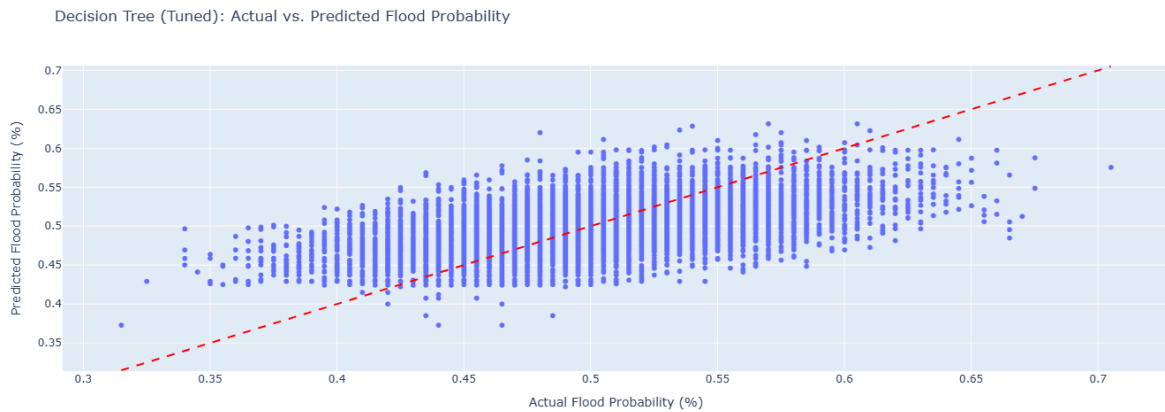
Decision Tree: Actual vs. Predicted Flood Probability



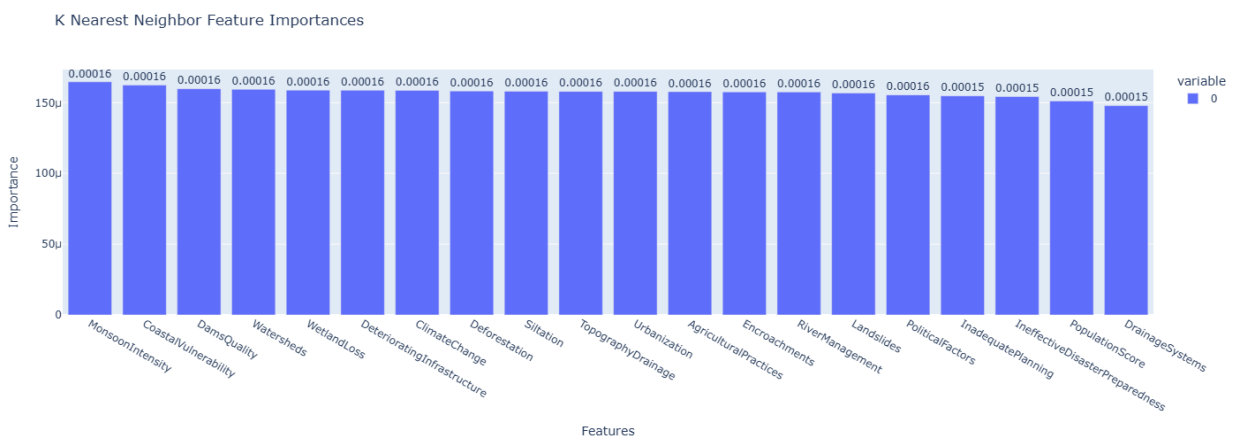
Decision Tree Actual vs Predicted Flood Probability



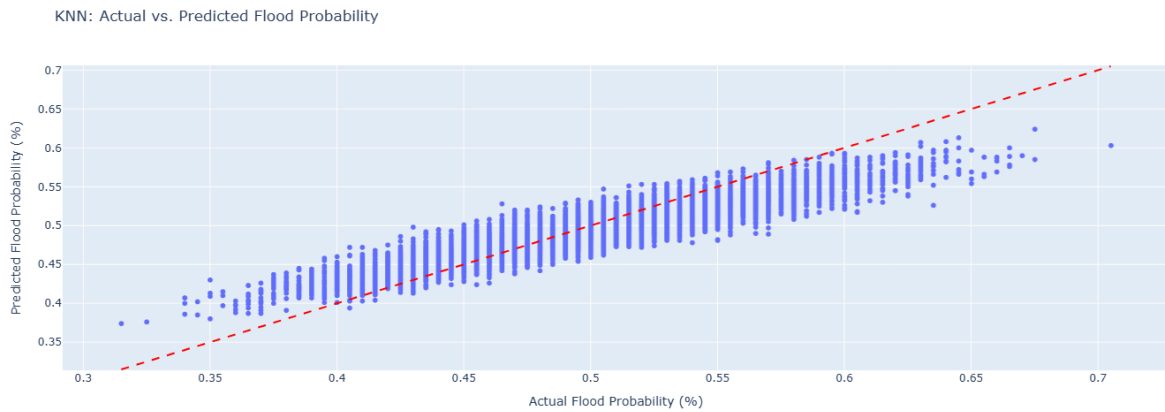
Decision Tree with Hyperparameter Tuning Feature Importance



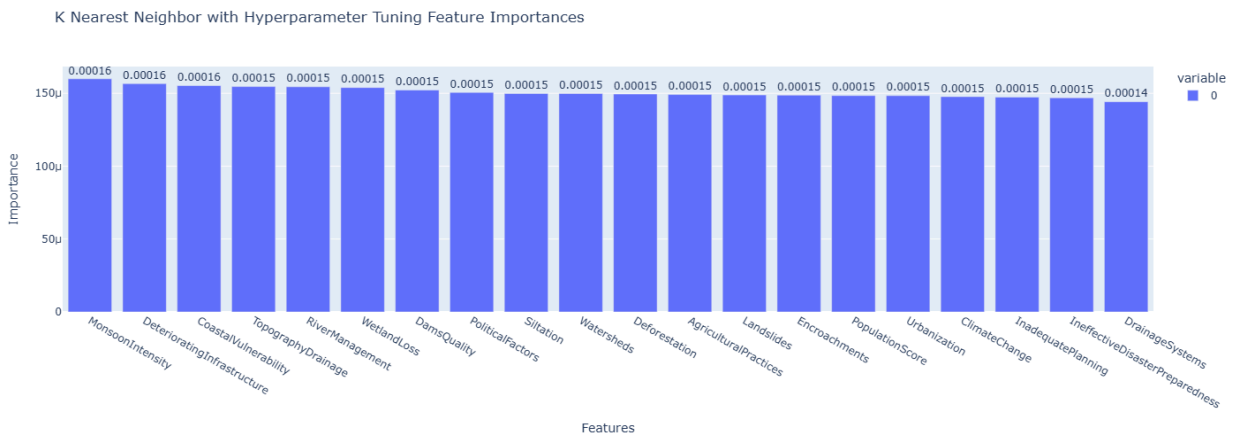
Decision Tree with Hyperparameter Tuning Actual vs Predicted Flood Probability



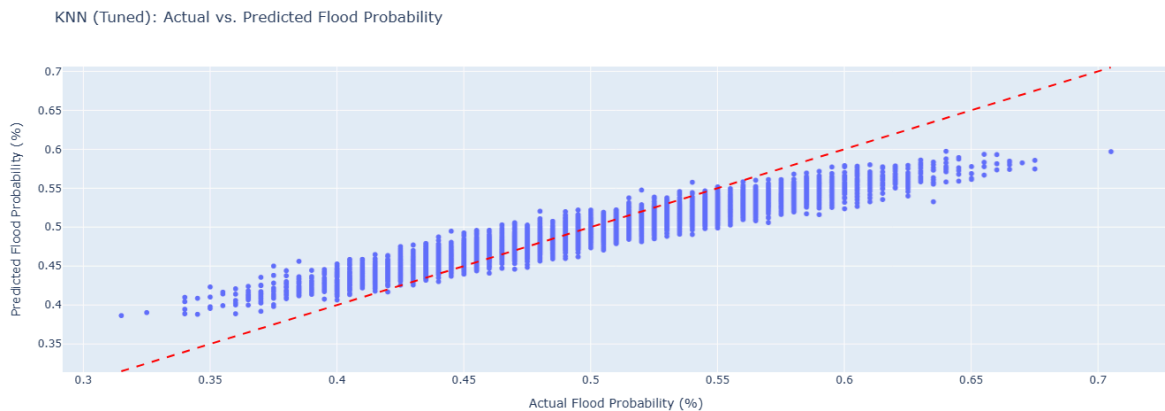
KNN Feature Importance



KNN Actual vs Predicted Flood Probability

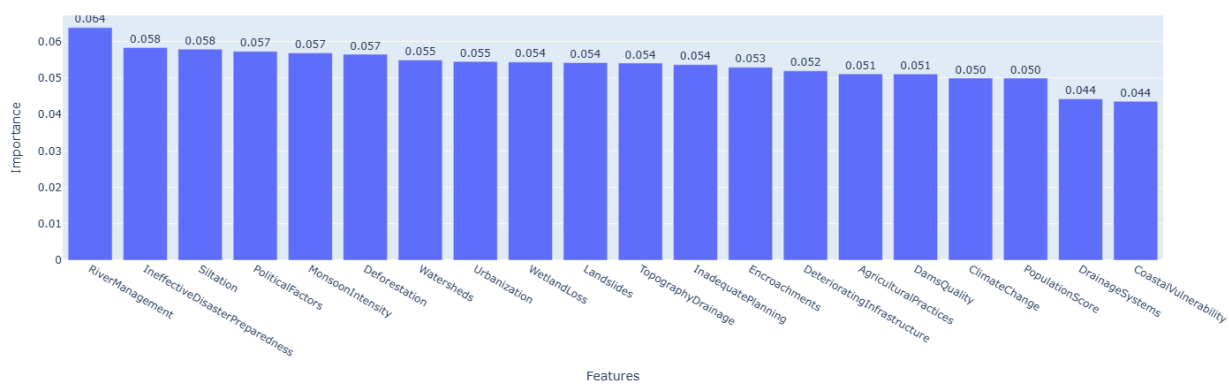


KNN with Hyperparameter Tuning Feature Importance



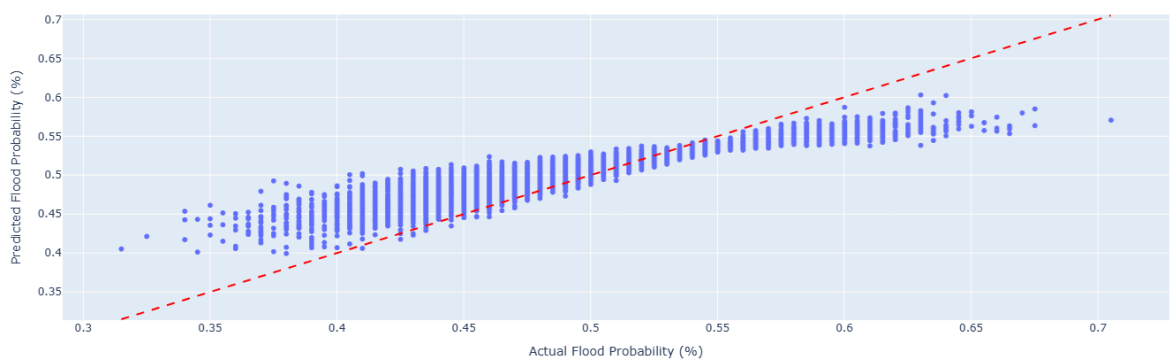
KNN with Hyperparameter Tuning Actual vs Predicted Flood Probability

Feature Importances for SVR (Permutation Importance)



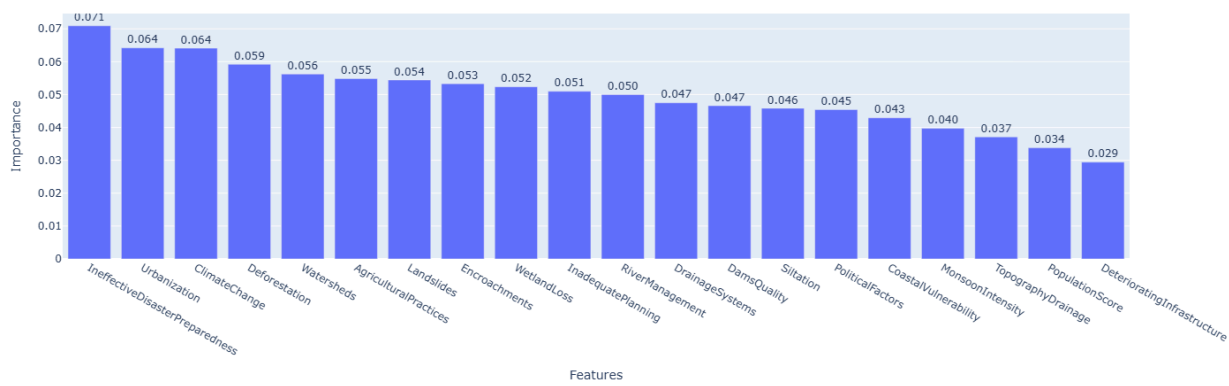
SVR Permutation Importance

SVR: Actual vs. Predicted Flood Probability



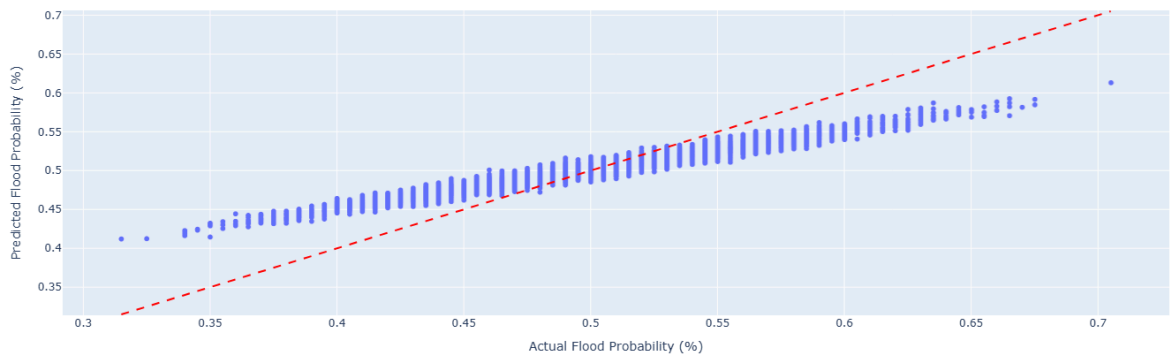
SVR Actual vs Predicted Flood Probability

Feature Importances for SVR (Permutation Importance)



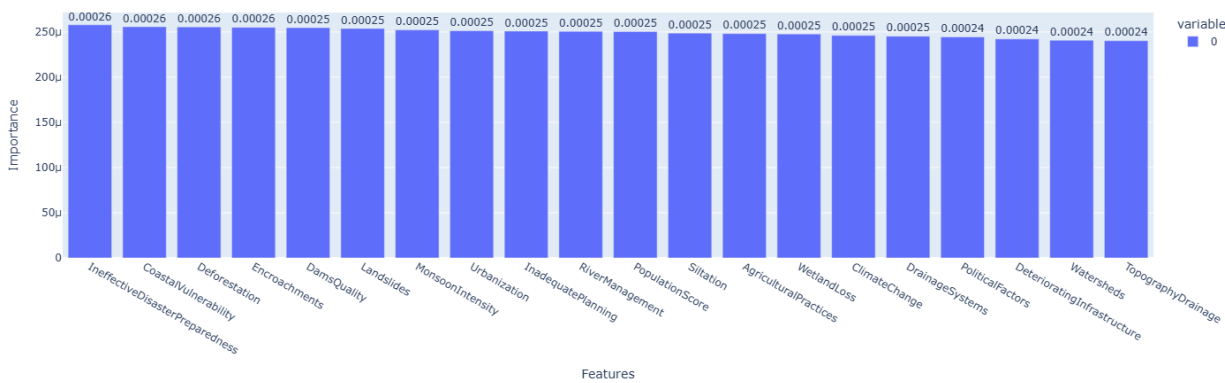
SVR with Hyperparameter Tuning Permutation Importance

SVR Tuned: Actual vs. Predicted Flood Probability



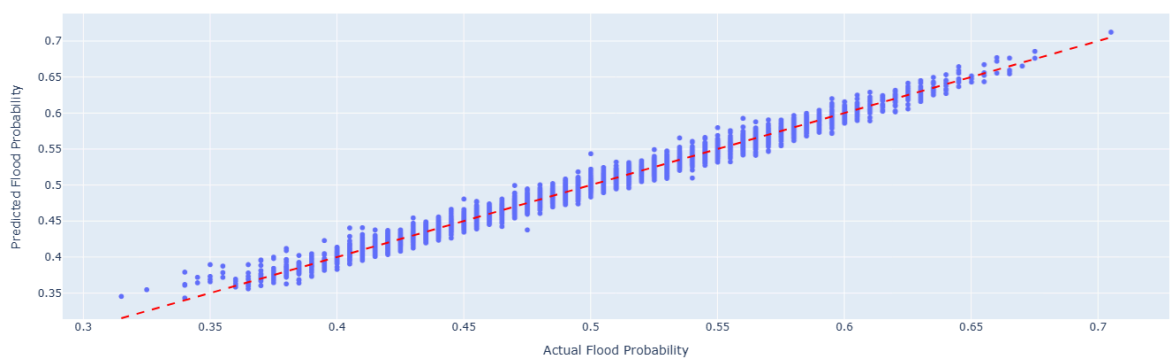
SVR with Hyperparameter Tuning Actual vs Predicted Flood Probability

Artificial Neural Network Feature Importances

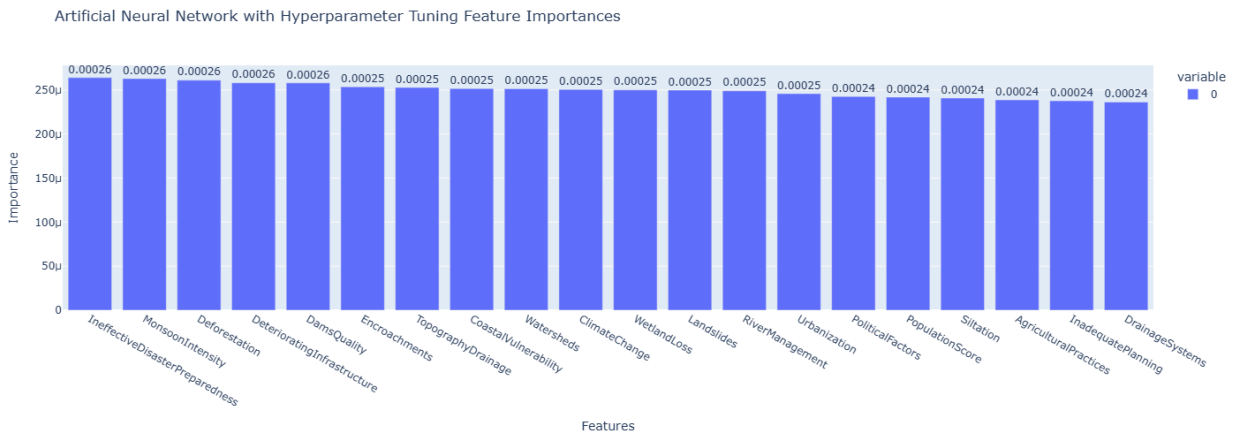


ANN Feature Importance

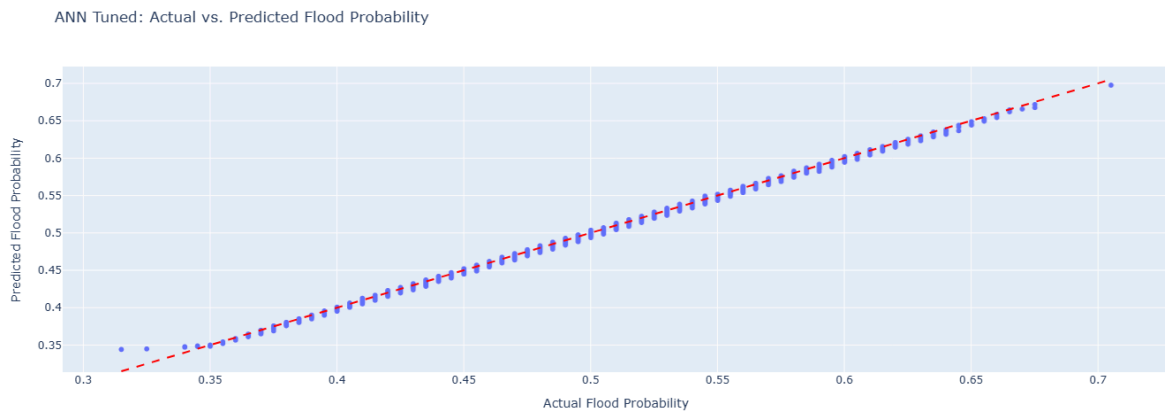
Actual vs. Predicted Flood Probability (ANN)



ANN Actual vs Predicted Flood Probability



ANN with Hyperparameter Tuning Feature Importance



ANN with Hyperparameter Tuning Actual vs Predicted Flood Probability