

Diabetes Prediction Report

Extracted Data:

pregnancies: 8
glucose: 183
blood pressure: 64
skin thickness: 0
insulin: 0
bmi: 23.3
diabetes pedigree function: 0.672
age: 32

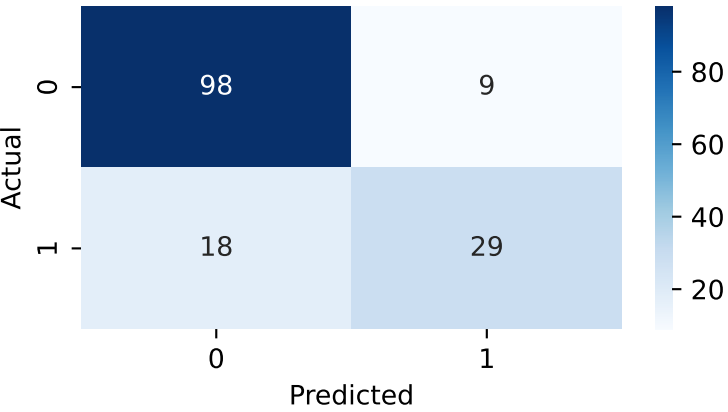
Individual Model Predictions:

Logistic Regression: No Diabetes	Accuracy: 100.00%
SVM Classifier: No Diabetes	Accuracy: 100.00%
Random Forest Classifier: No Diabetes	Accuracy: 100.00%
Decision Tree Classifier: No Diabetes	Accuracy: 90.00%
KNN Classifier: No Diabetes	Accuracy: 90.00%
Naive Bayes: No Diabetes	Accuracy: 90.00%
Neural Network: No Diabetes	Accuracy: 70.00%
Perceptron: No Diabetes	Accuracy: 60.00%

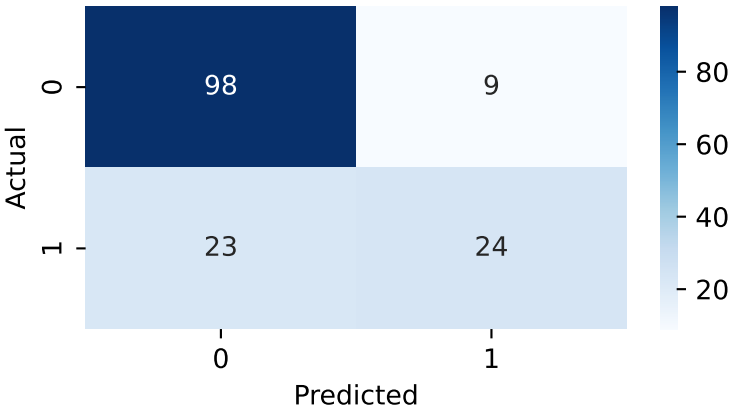
Cumulative Report:

Insufficient valid data fields extracted for prediction.

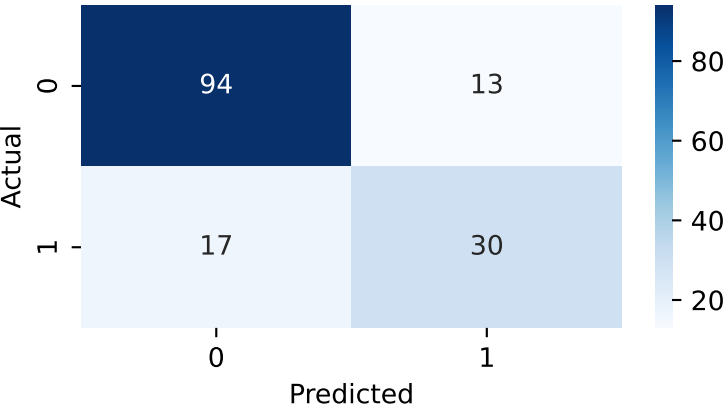
Confusion Matrix: Logistic Regression Model



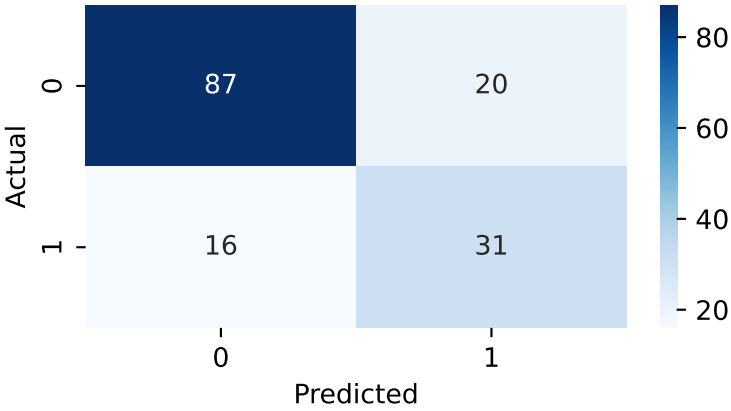
Confusion Matrix: SVC Model



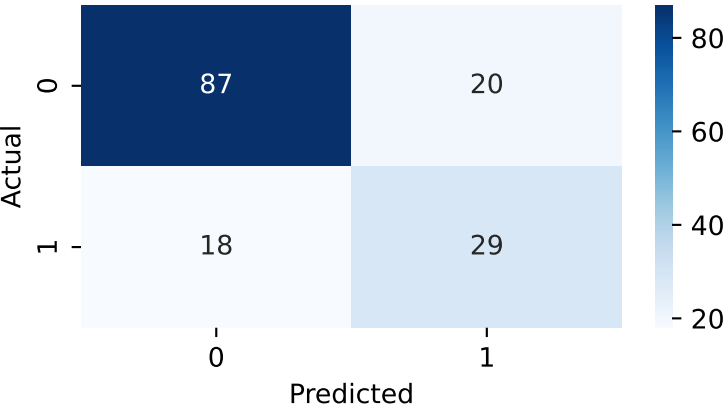
Confusion Matrix: Random Forest Model



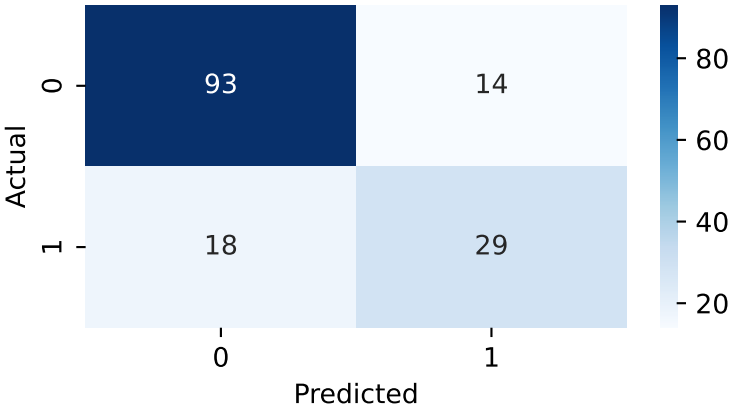
Confusion Matrix: Decision Tree Model



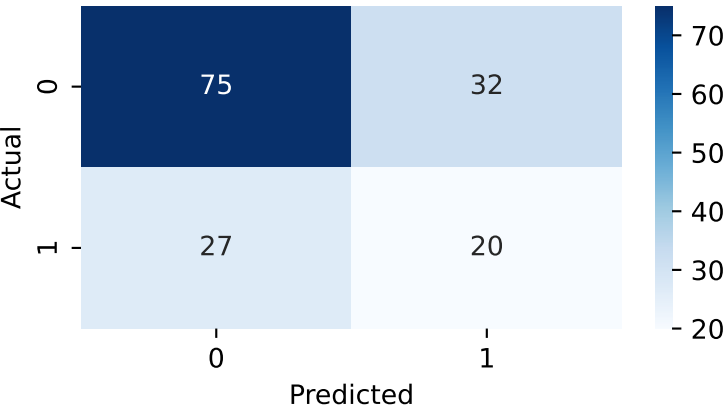
Confusion Matrix: KNN Model



Confusion Matrix: Gaussian NB Model



Confusion Matrix: MLP Model



Confusion Matrix: Perceptron Model

