Machine Learning Model Report

Model: Diabetes prdictor

Generated on: June 16, 2025 at 04:47 PM

Model Information

Model Type	K-Nearest Neighbors
Target Column	Outcome
Created Date	June 15, 2025
Public Model	No
Likes	0
Features	Pregnancies,Glucose,BloodPressure,SkinThickness,Insulin,BMI,Diab

Model Performance Metrics

Classification Metrics

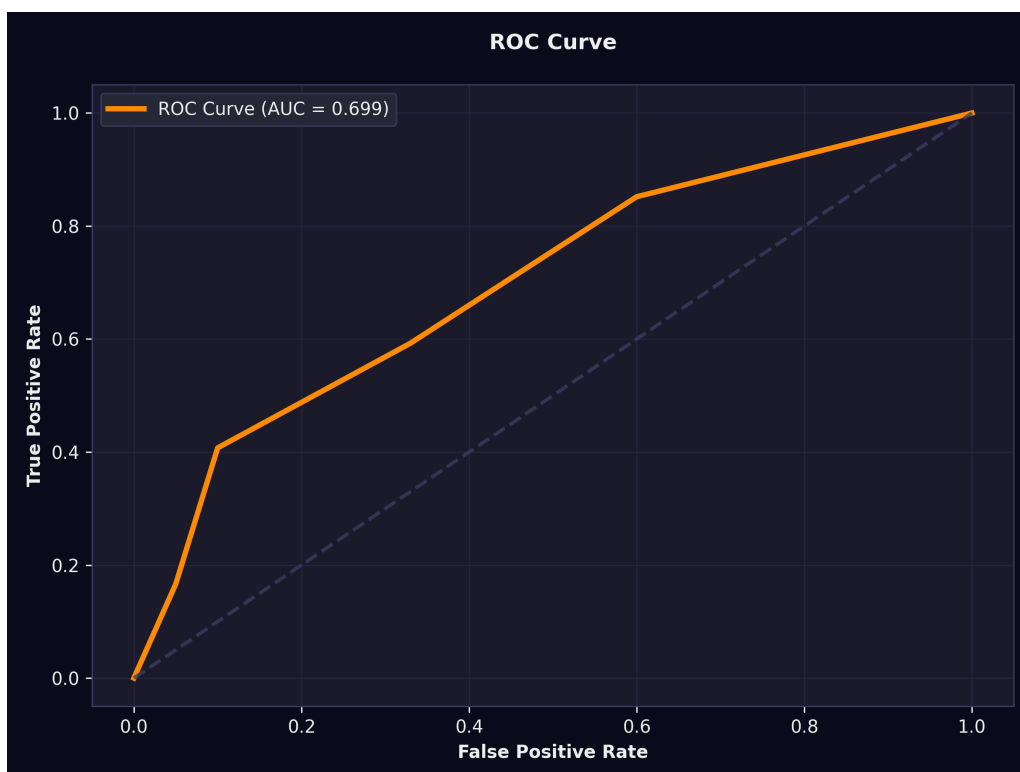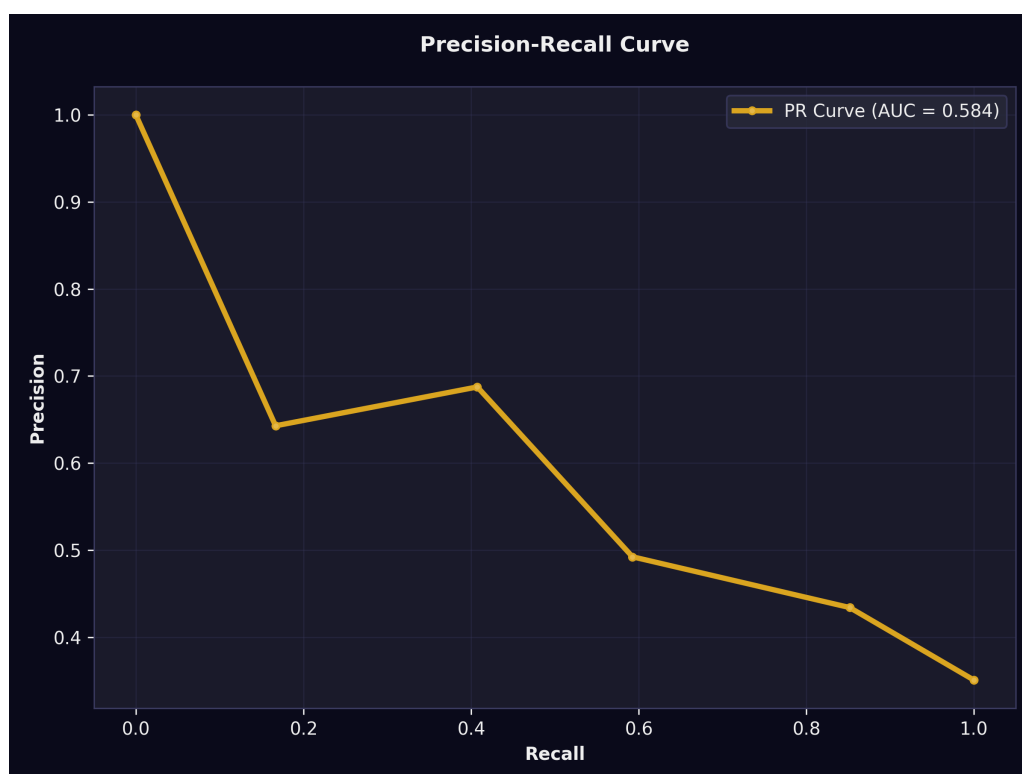|	
Accuracy	0.7273
Precision	0.7126
Recall	0.6537
F1 Score	0.6612

Model Visualizations

Confusion Matrix

Shows TP, FP, FN, TN
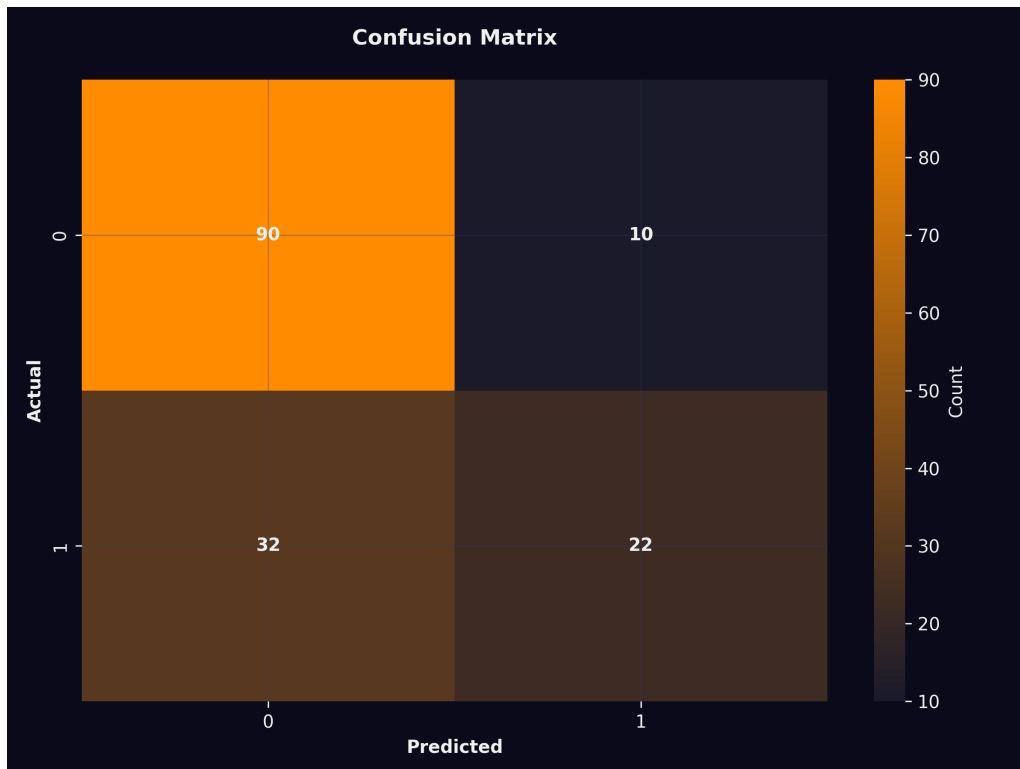
ROC Curve

Shows ability to distinguish classes

Precision-Recall Curve

Shows trade-off between precision and recall

Precision-Recall Curve

This report was automatically generated by the Machine Learning Model Analysis System. For more information about this model or to access the interactive dashboard, please visit the website.