
HEART DISEASE PREDICTION (DATA SCIENCE PROJECT)

Built with Python | Pandas | Seaborn | Scikit-learn

DATA OVERVIEW

- Dataset: heart.csv
 - Goal: Predict heart disease using patient data
 - Target: target (0 = No, 1 = Yes)
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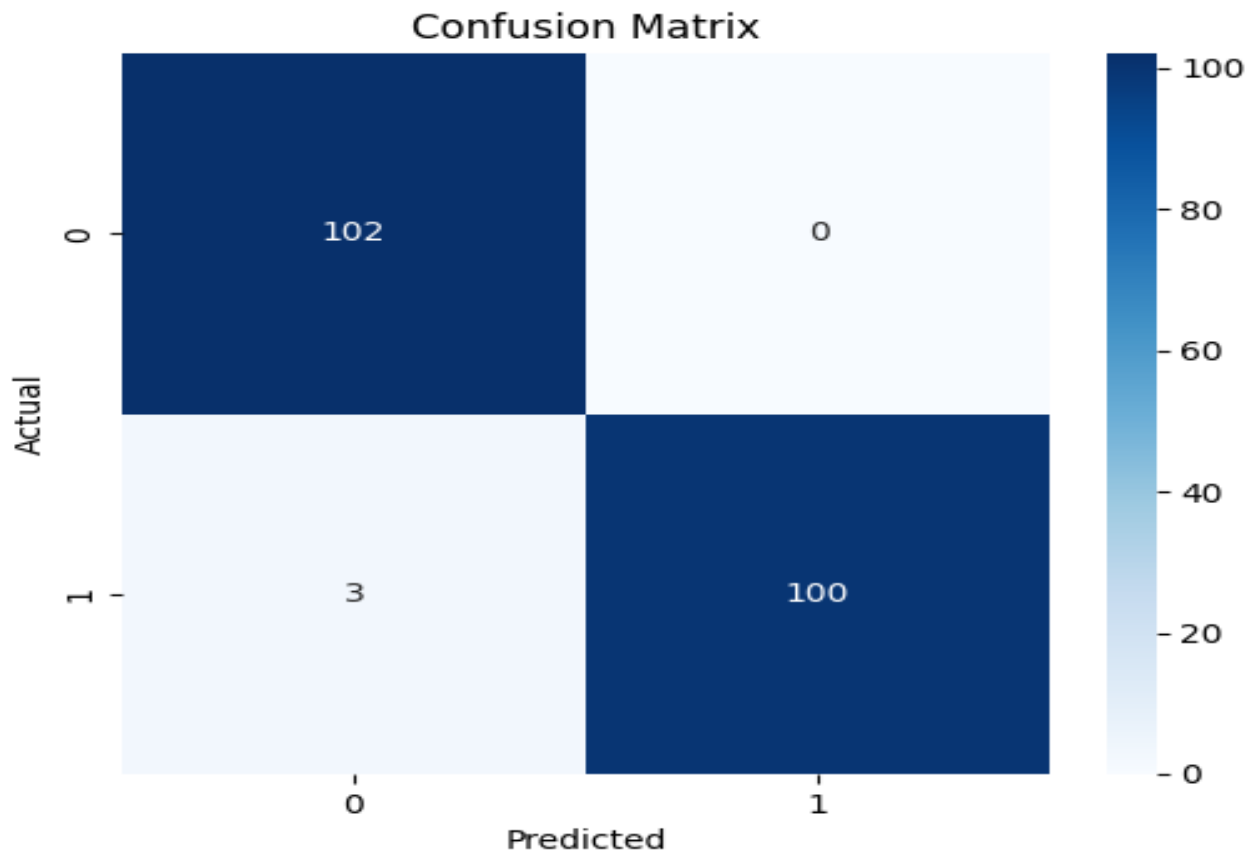
MODEL USED

Algorithm: Random Forest Classifier

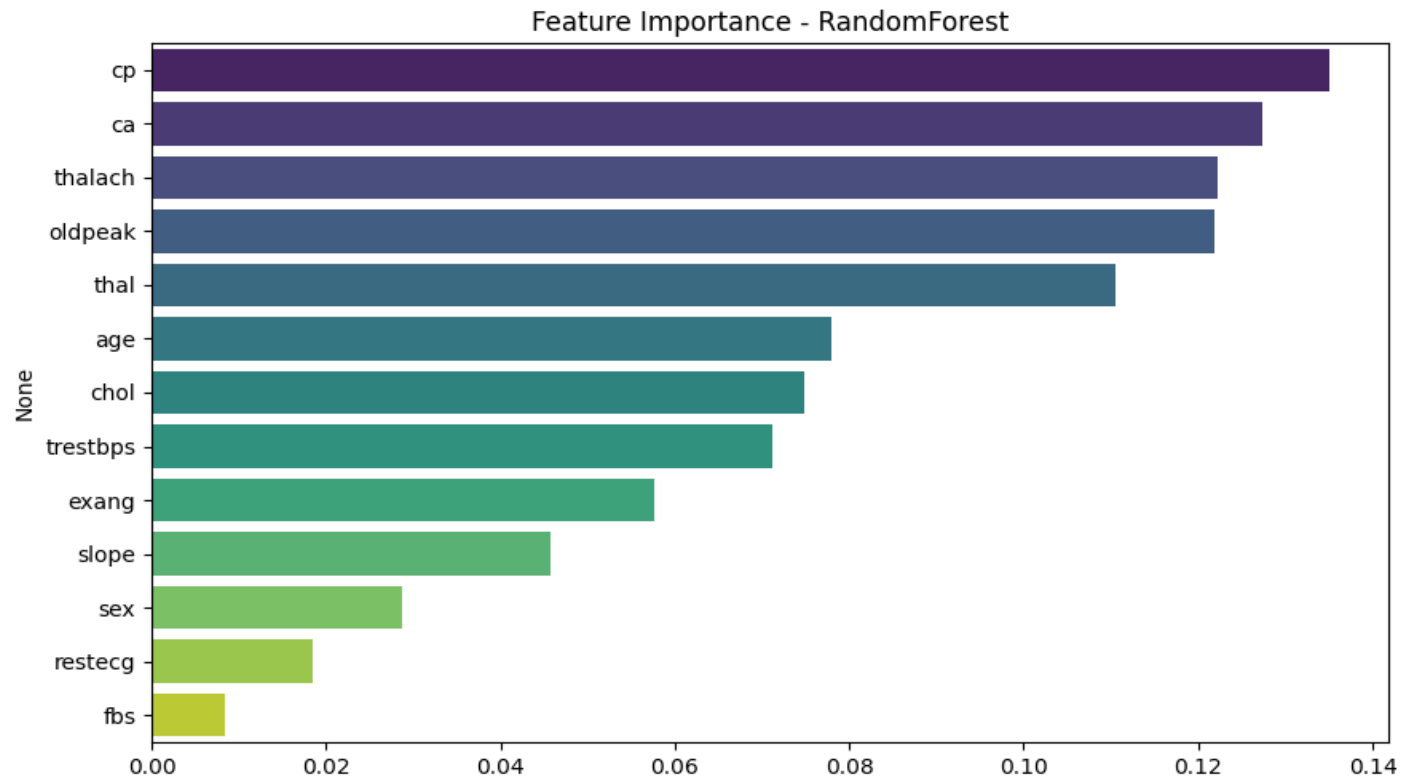
Accuracy: 98.53%

Tools: VS CODE, Python, sklearn

ACTUAL VS PREDICTED



KEY FEATURE IMPACTING PREDICTION



SUMMARY

1. Built & trained ML model successfully
 2. Visualized performance with heatmap & feature importance
 3. Demonstrates practical Data Science workflow
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