
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` ($0 = \text{No}$, $1 = \text{Yes}$)

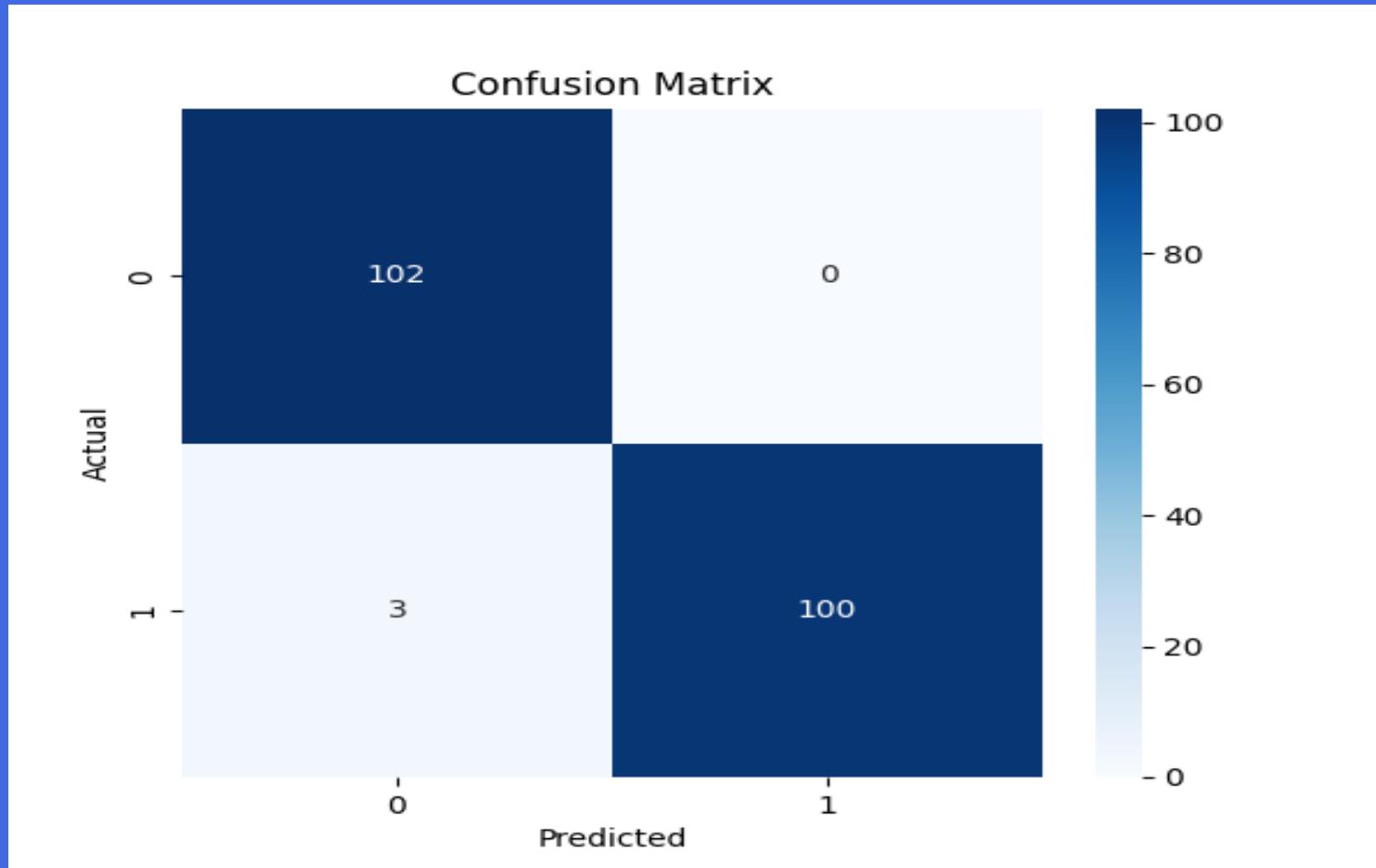
MODEL USED

Algorithm: Random Forest Classifier

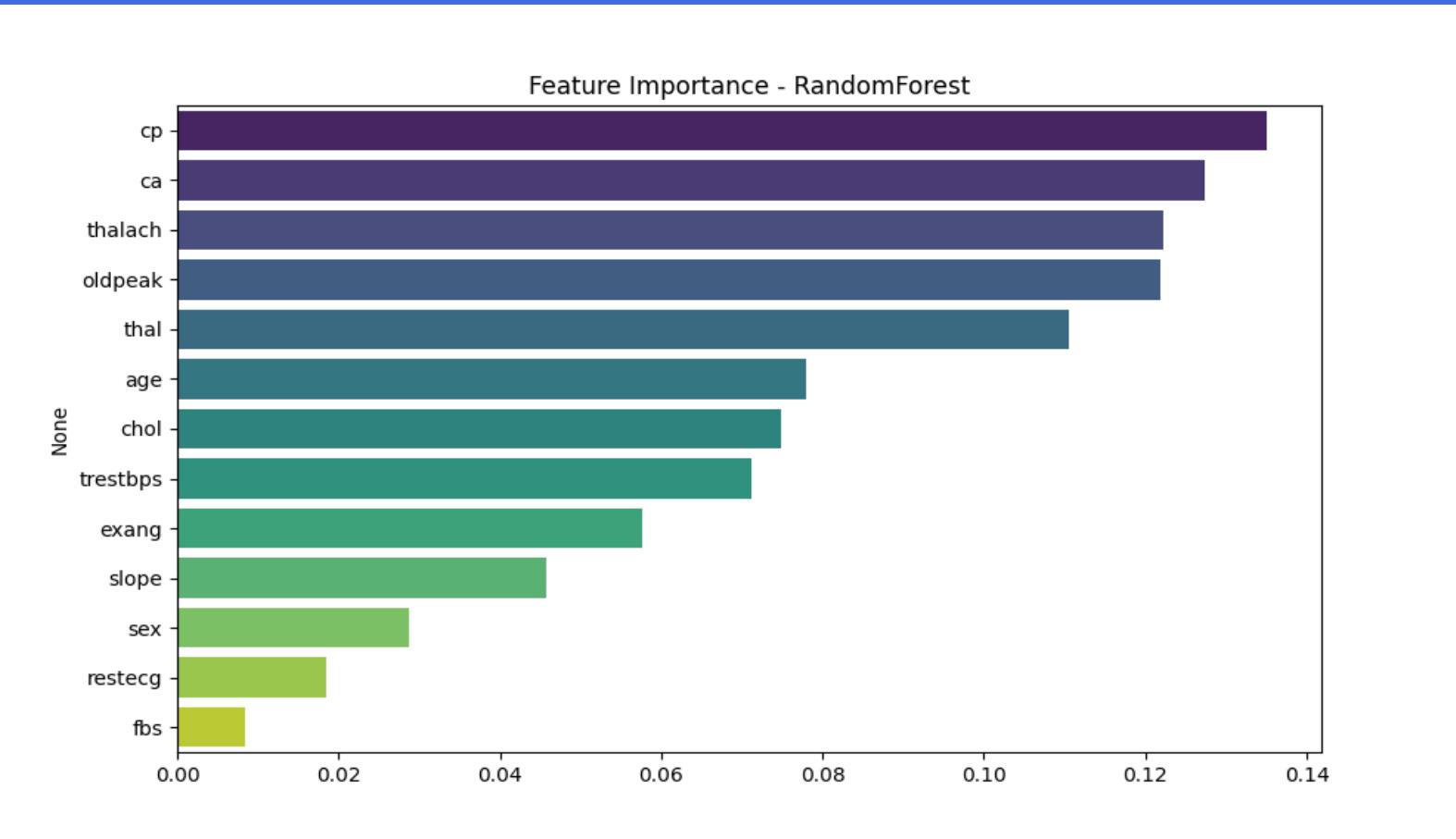
Accuracy: 98.53%

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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