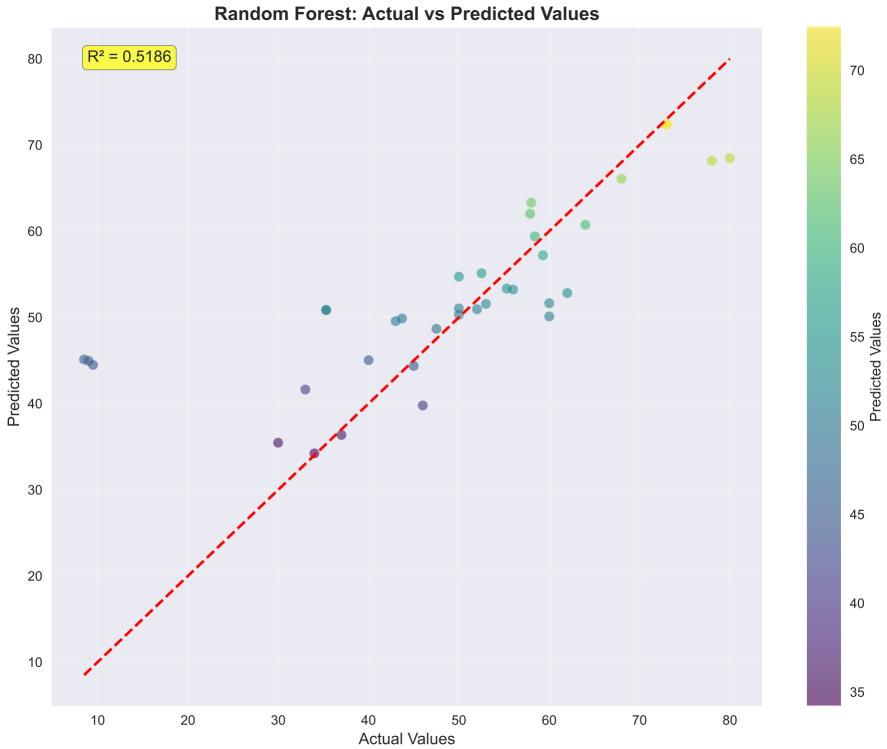
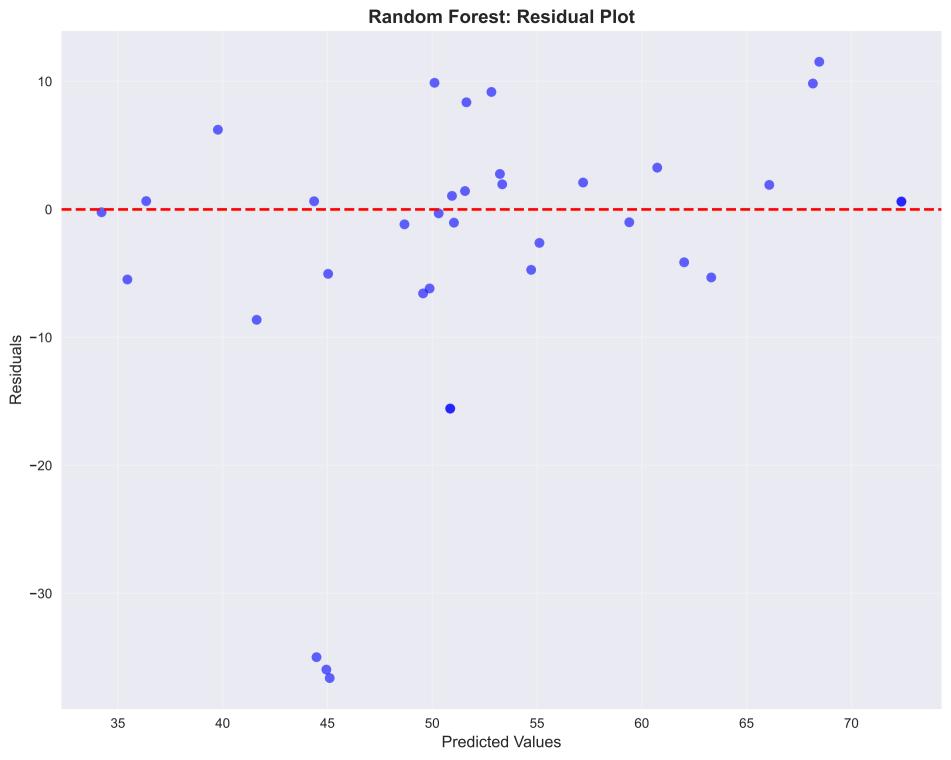
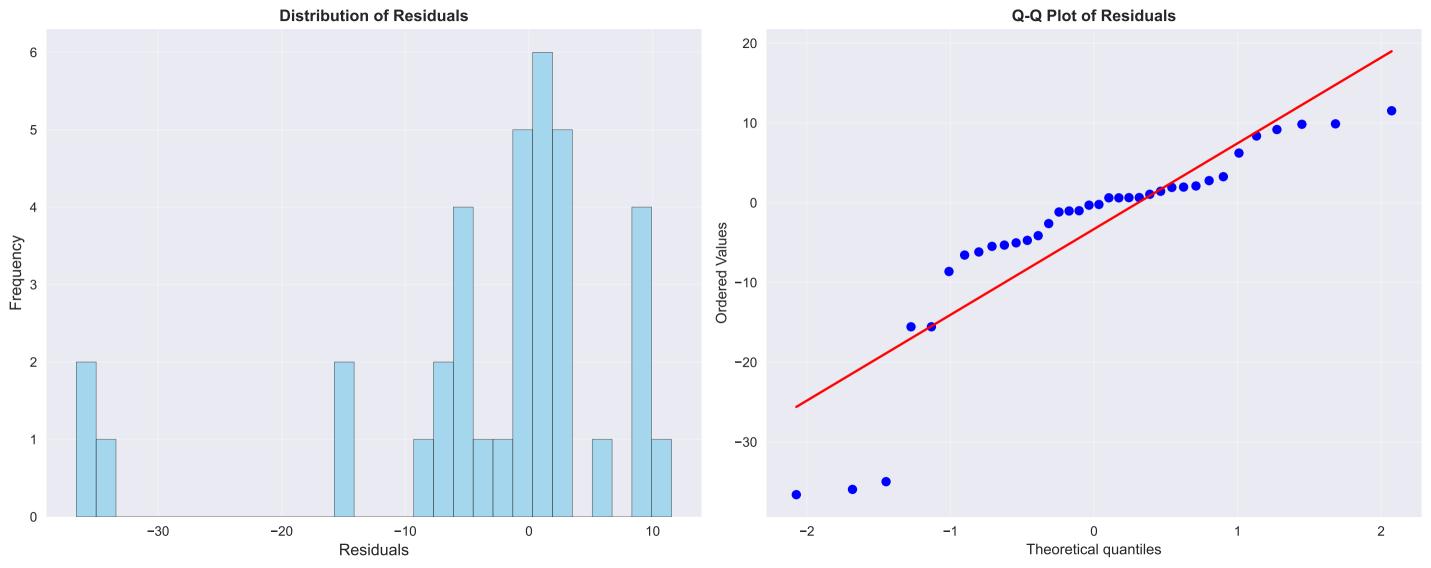
Model Performance Report: Random Forest

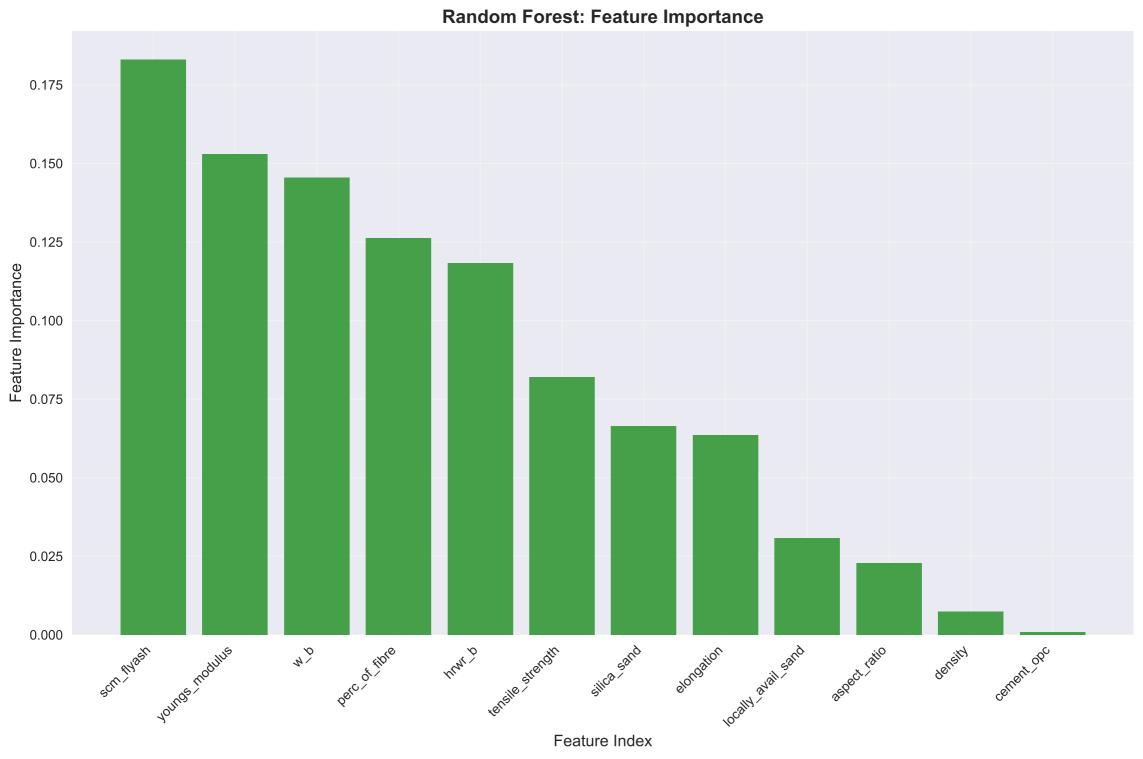
MODEL DETAILS: • Algorithm: Random Forest • Training Samples: 141 • Test Samples: 36 • Features: 12 PERFORMANCE METRICS: • Root Mean Square Error (RMSE): 12.0005 • R² Score: 0.5186 • Mean Absolute Error (MAE): 7.3076 • Mean Square Error (MSE): 144.0110 **INTERPRETATION:** • R² Score of 0.5186 means the model explains 51.86% of the variance • RMSE of 12.0005 indicates average prediction error • Lower RMSE and MAE values indicate better model performance • R² closer to 1.0 indicates better model fit DATASET INFORMATION: • Target Variable: Last Column • Problem Type: Regression

• Cross-validation: 3-fold GridSearchCV used for hyperparameter tuning









Random Forest: Performance Metrics Summary

