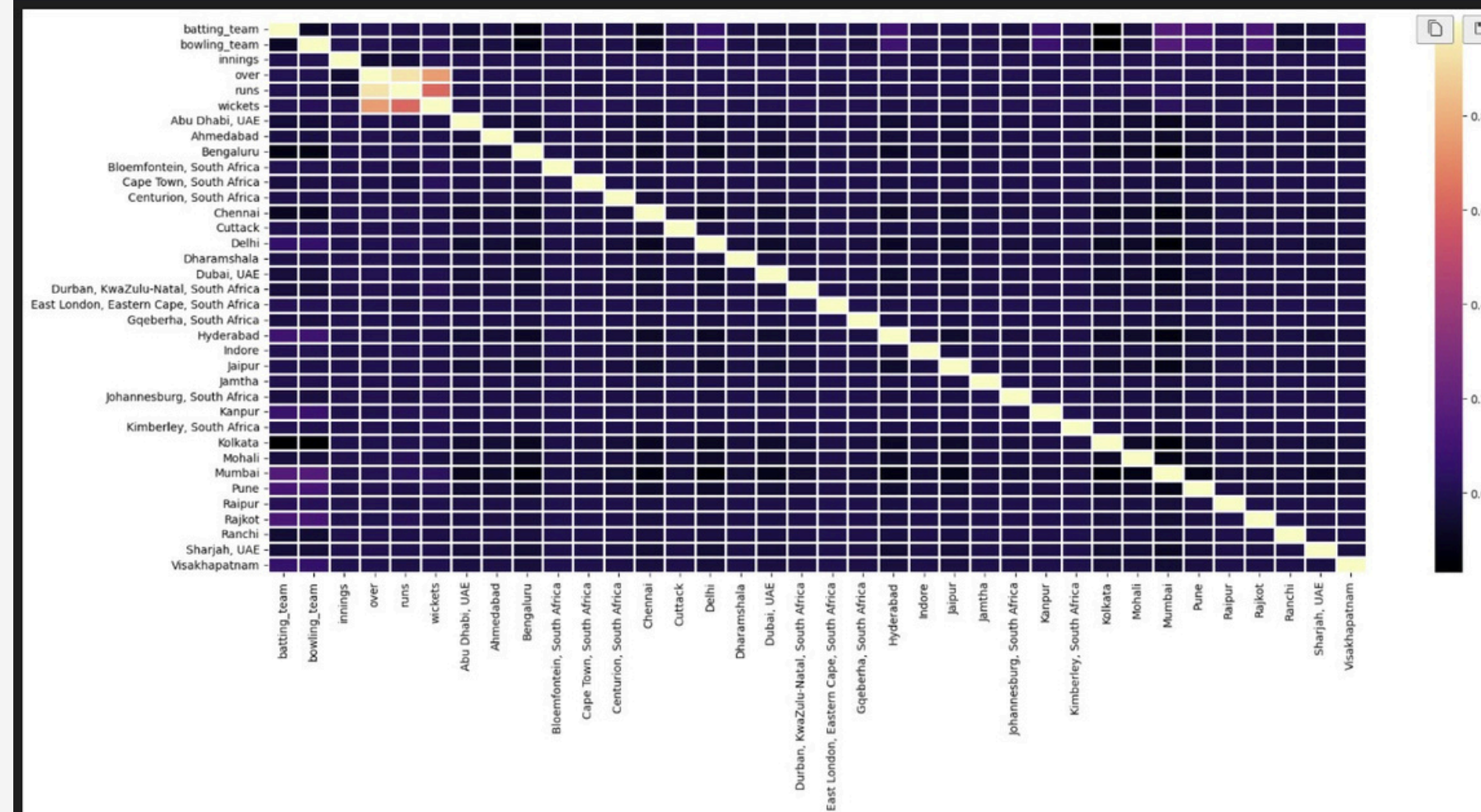# CRICKET SCORE PREDICTION

TEAM MEMBERS

E. Sri Sai Kaushal
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CH. Abhinav

The covariance matrix

- Definition: A covariance matrix quantifies the relationship between different features, measuring how they vary together across the dataset.

- Visualization Insight: The matrix highlights feature interdependence, providing valuable insights into potential multicollinearity or patterns for improving the model's performance.
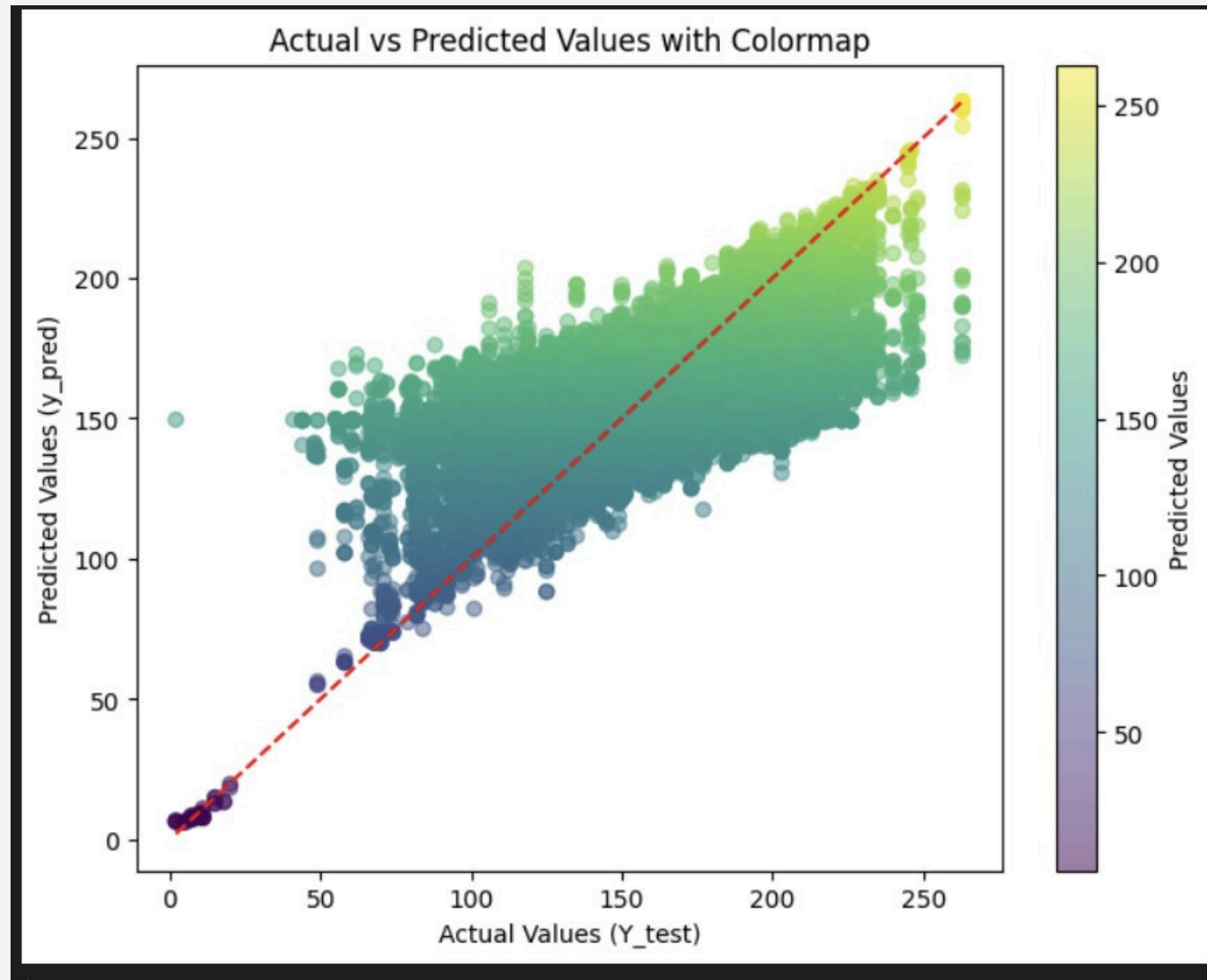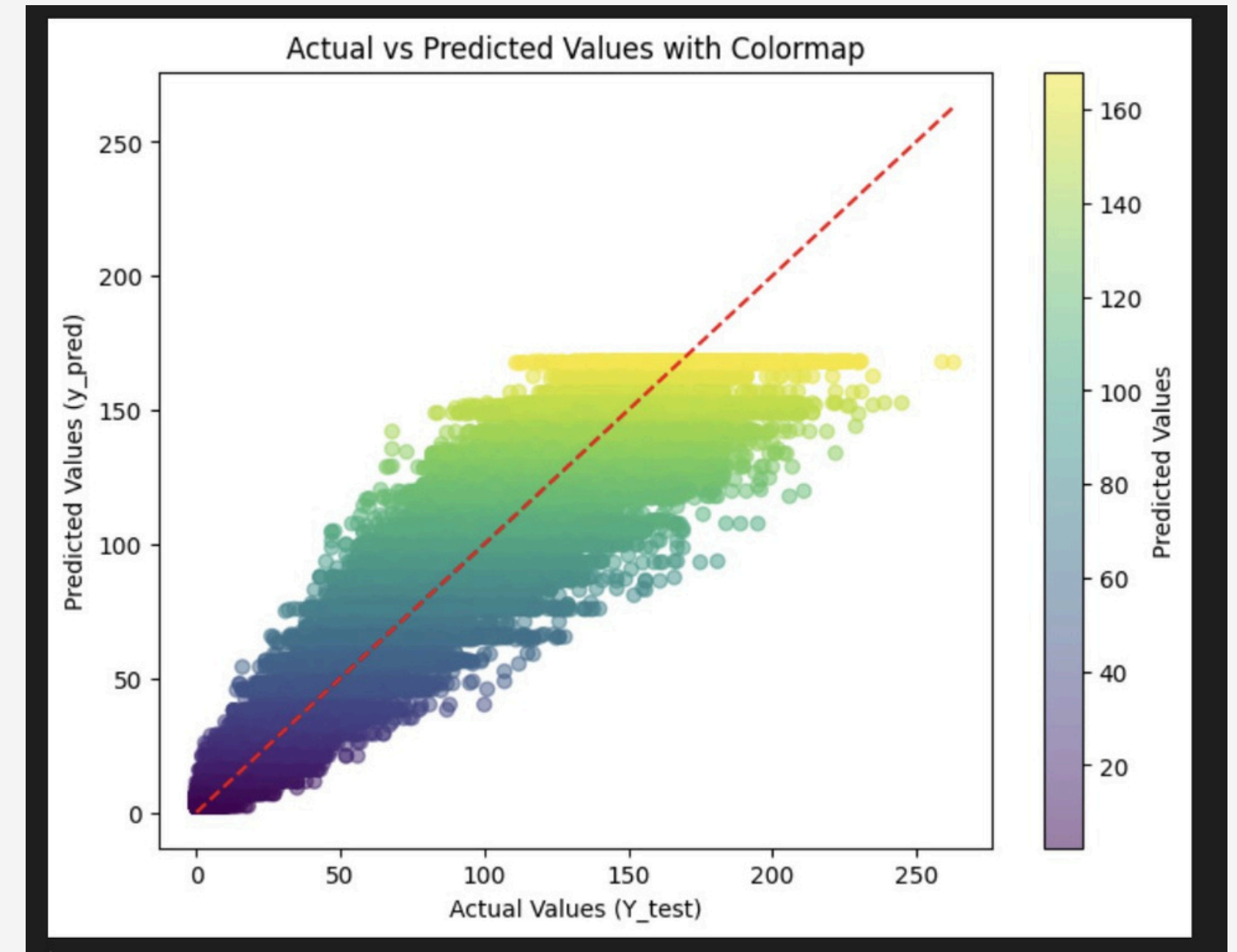
Random forest classifier
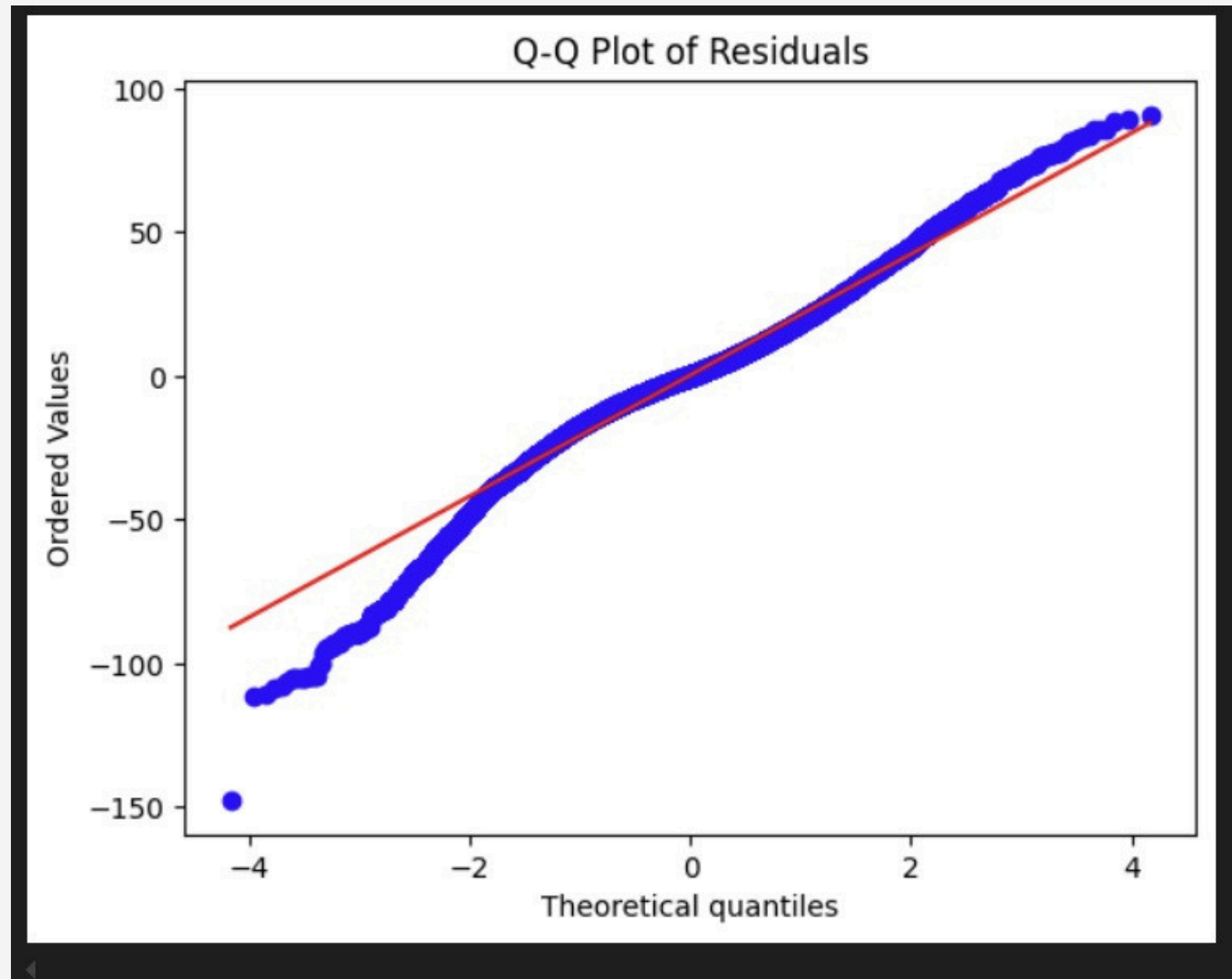
after feature reduction using correlation matrix
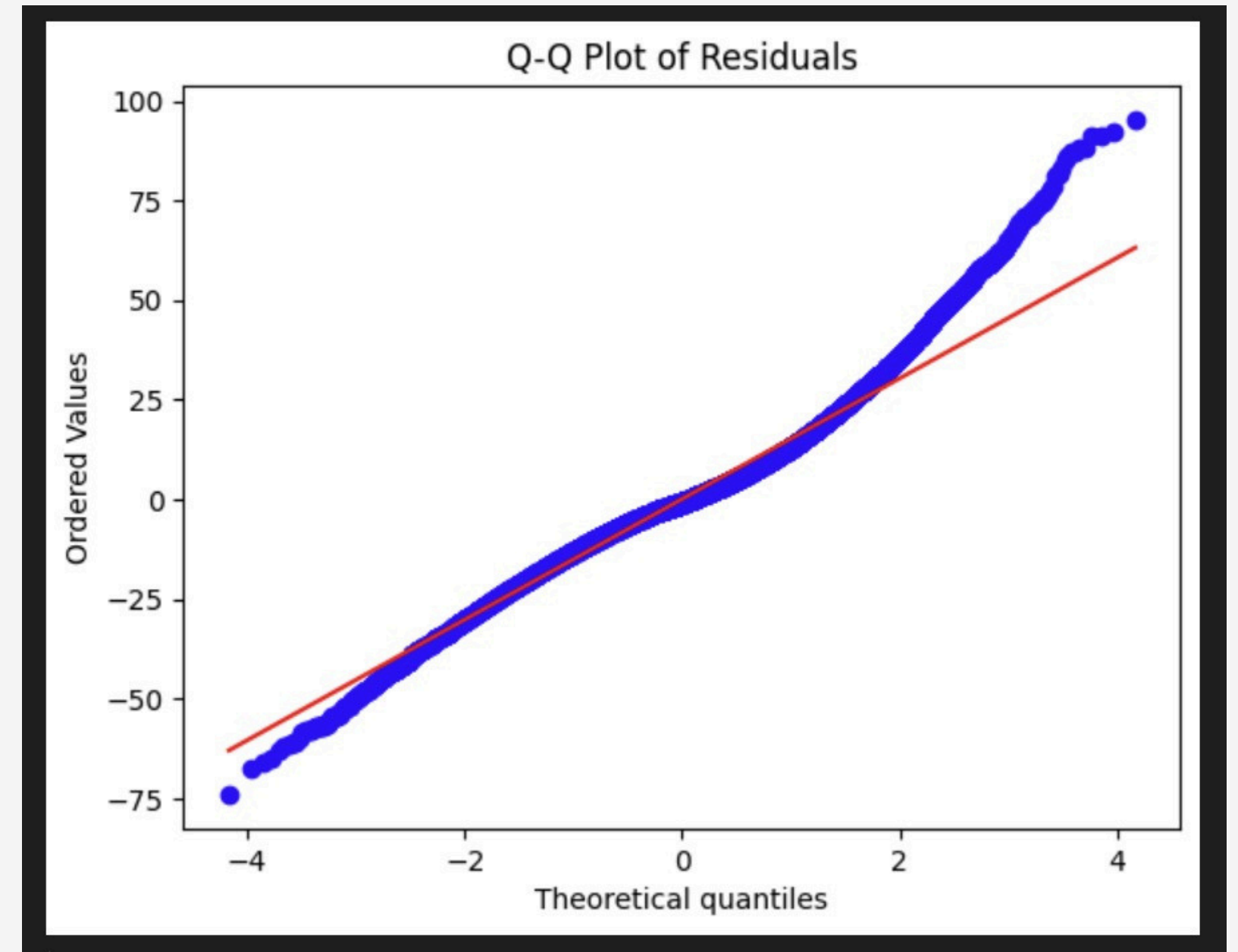
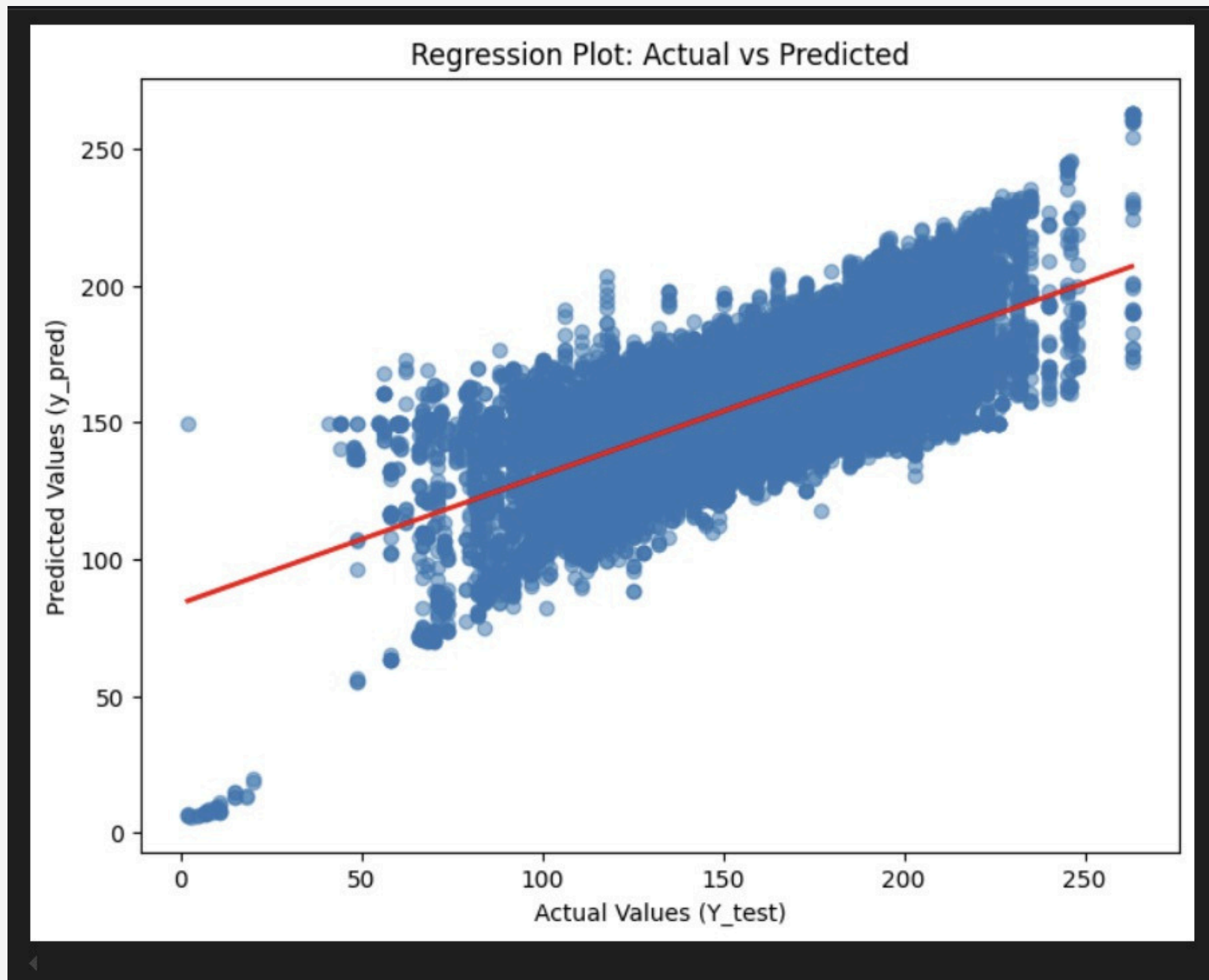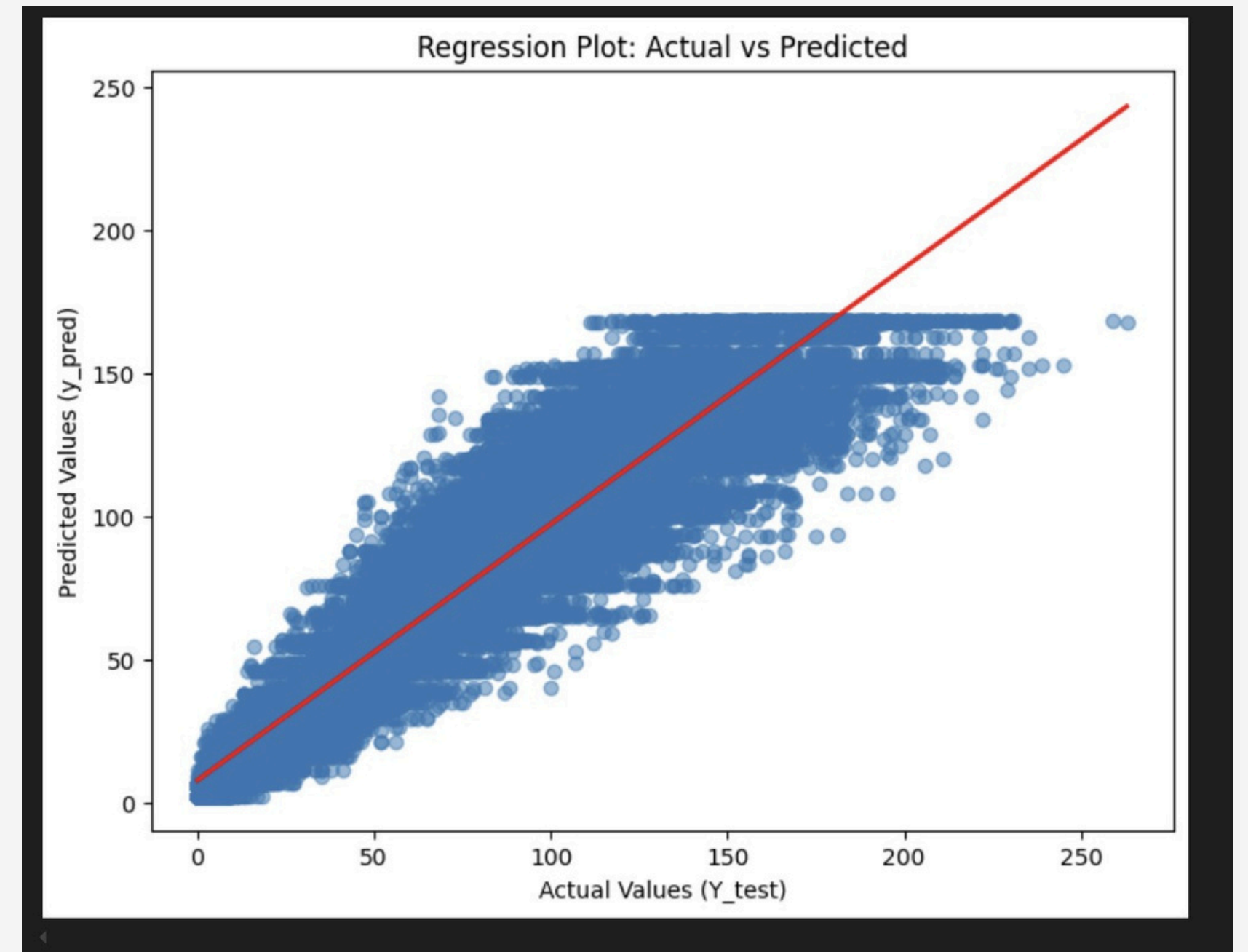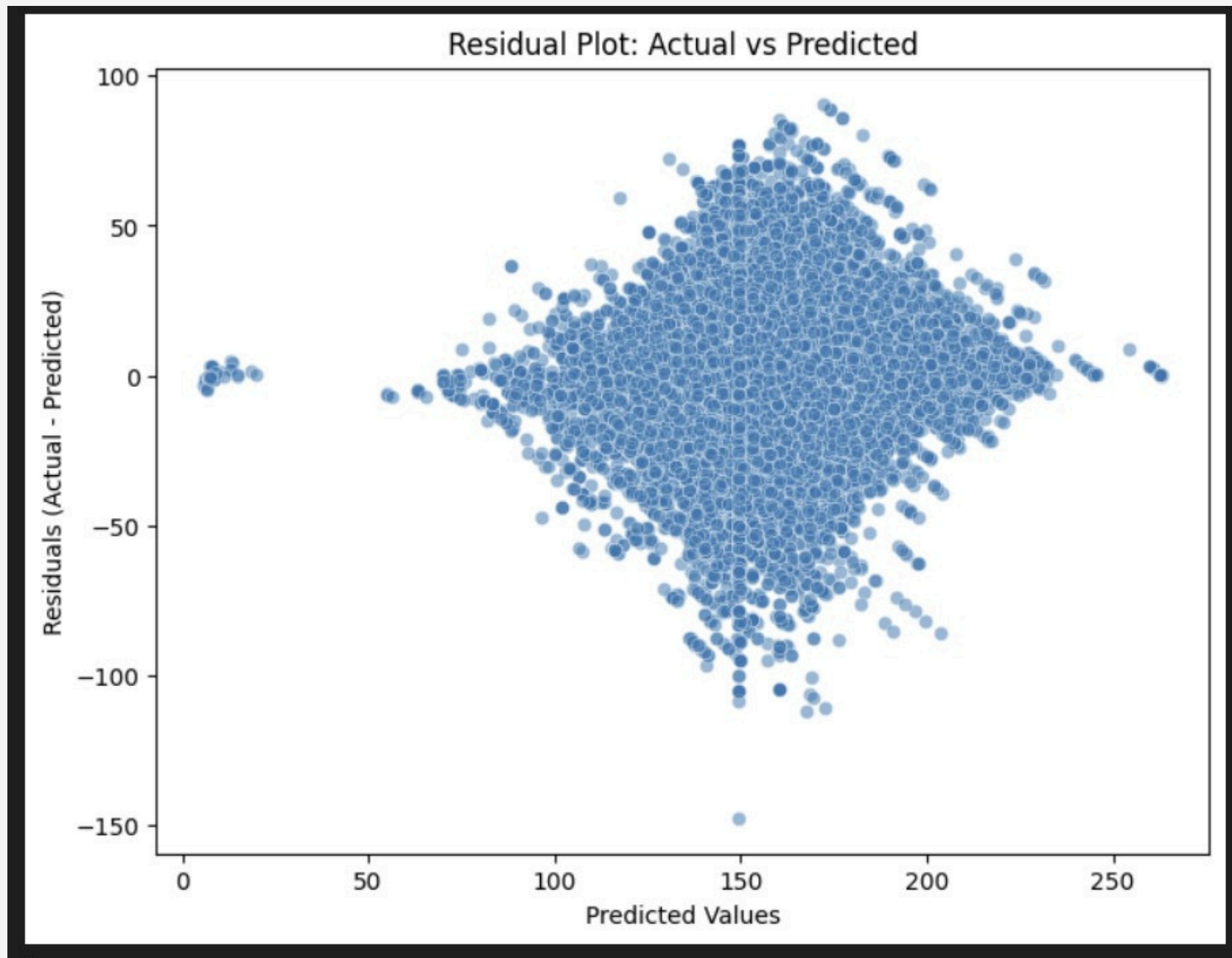before feature reduction using correlation matrix

before feature reduction using correlation matrix

after feature reduction using correlation matrix

before feature reduction using correlation matrix

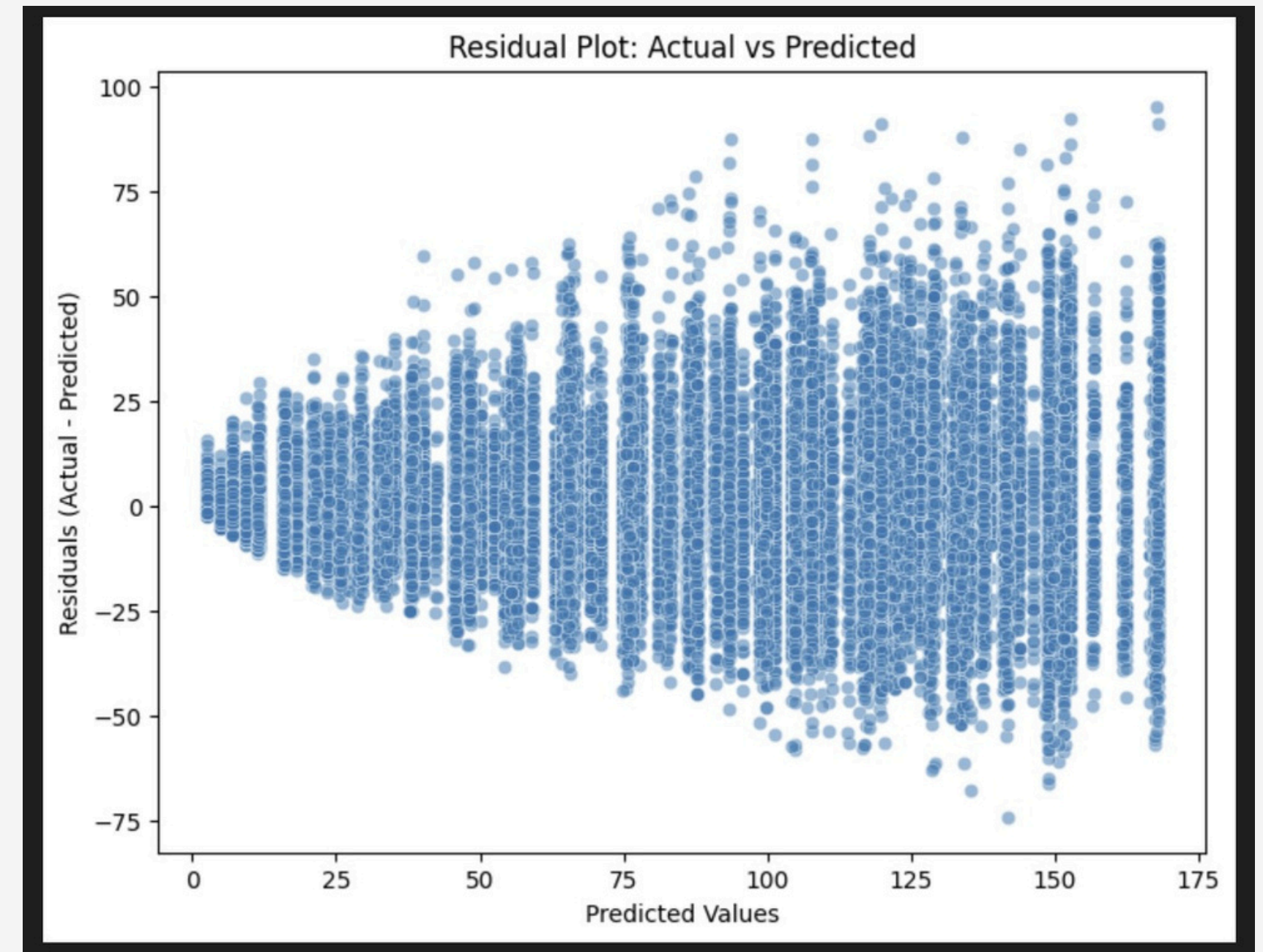after feature reduction using correlation matrix

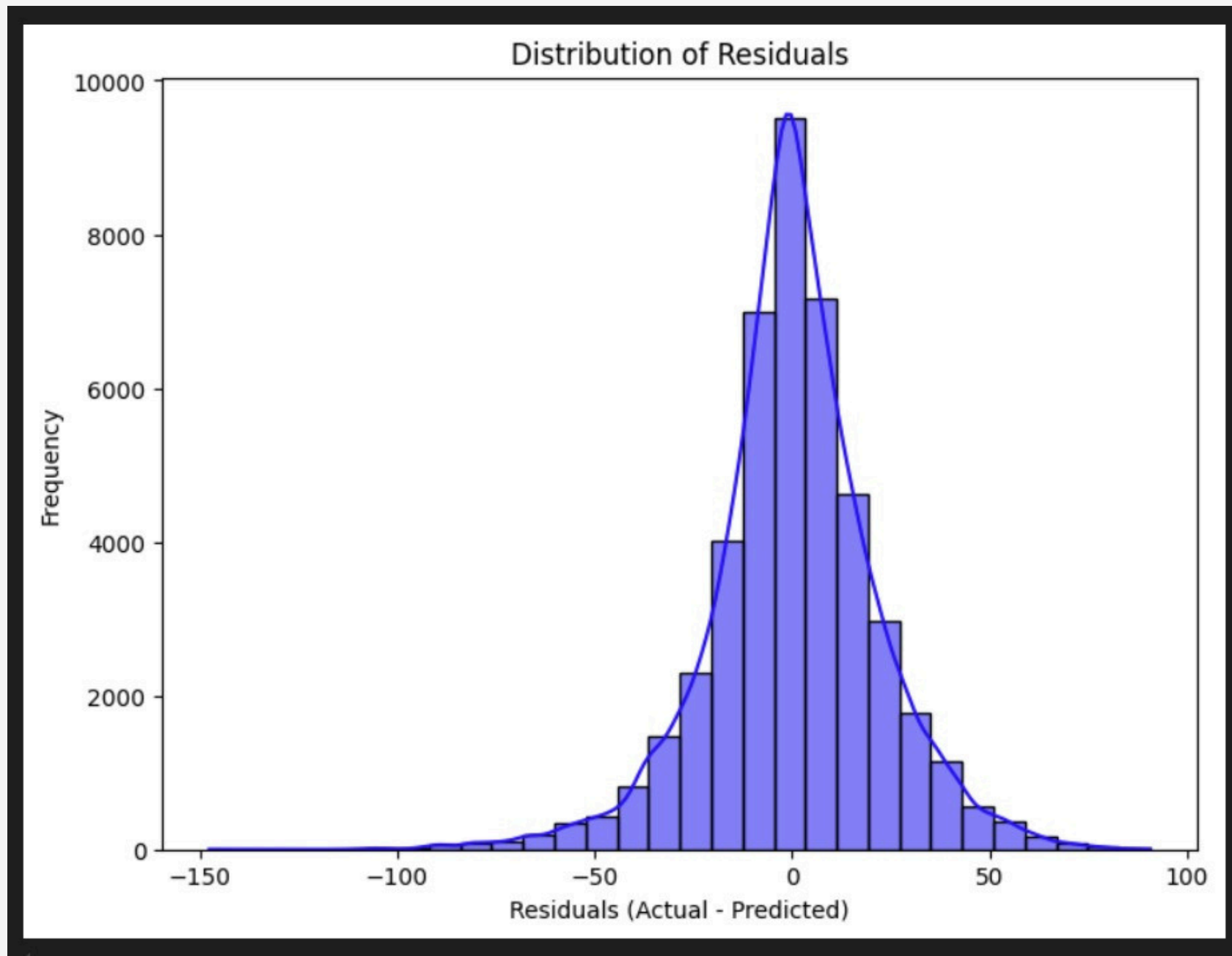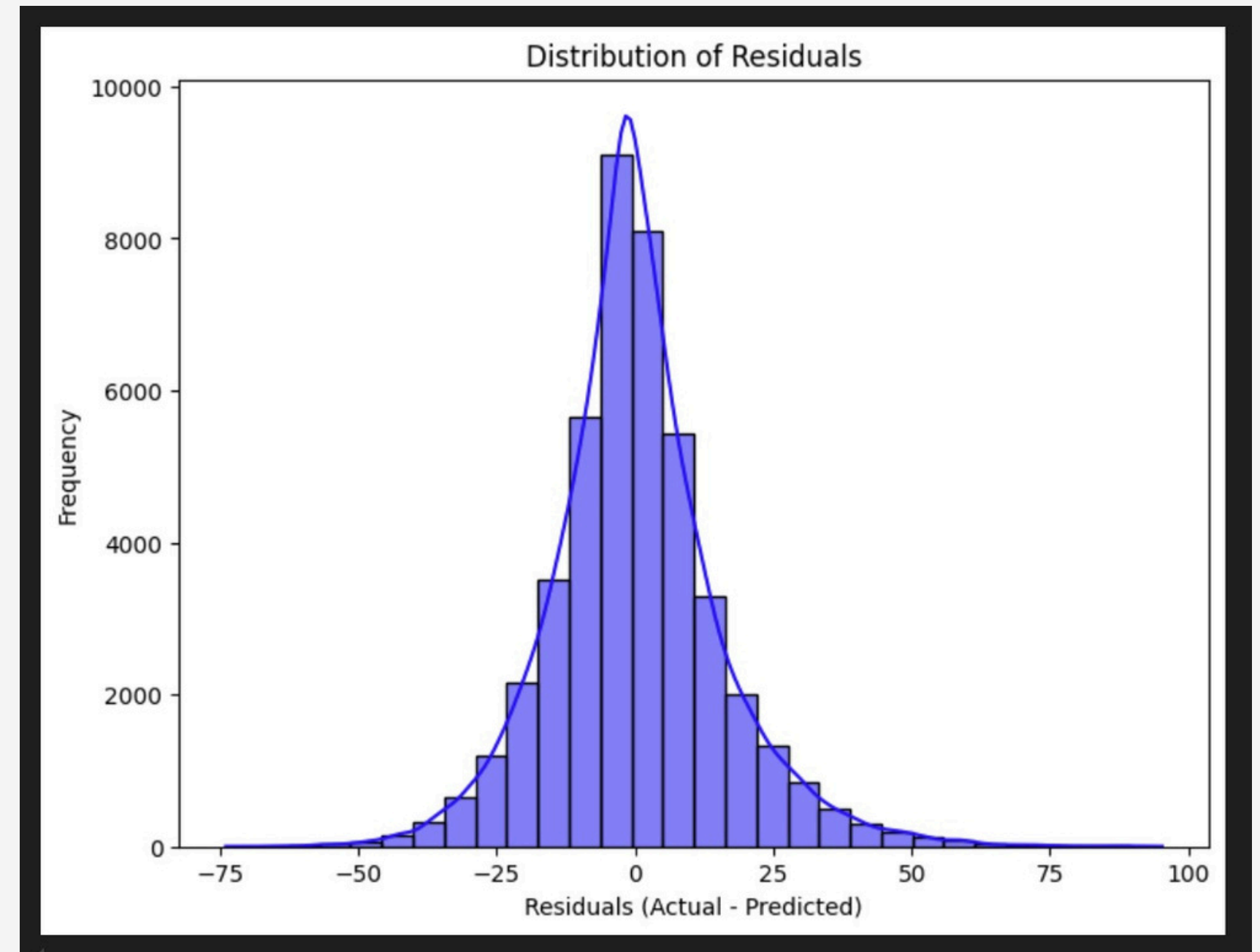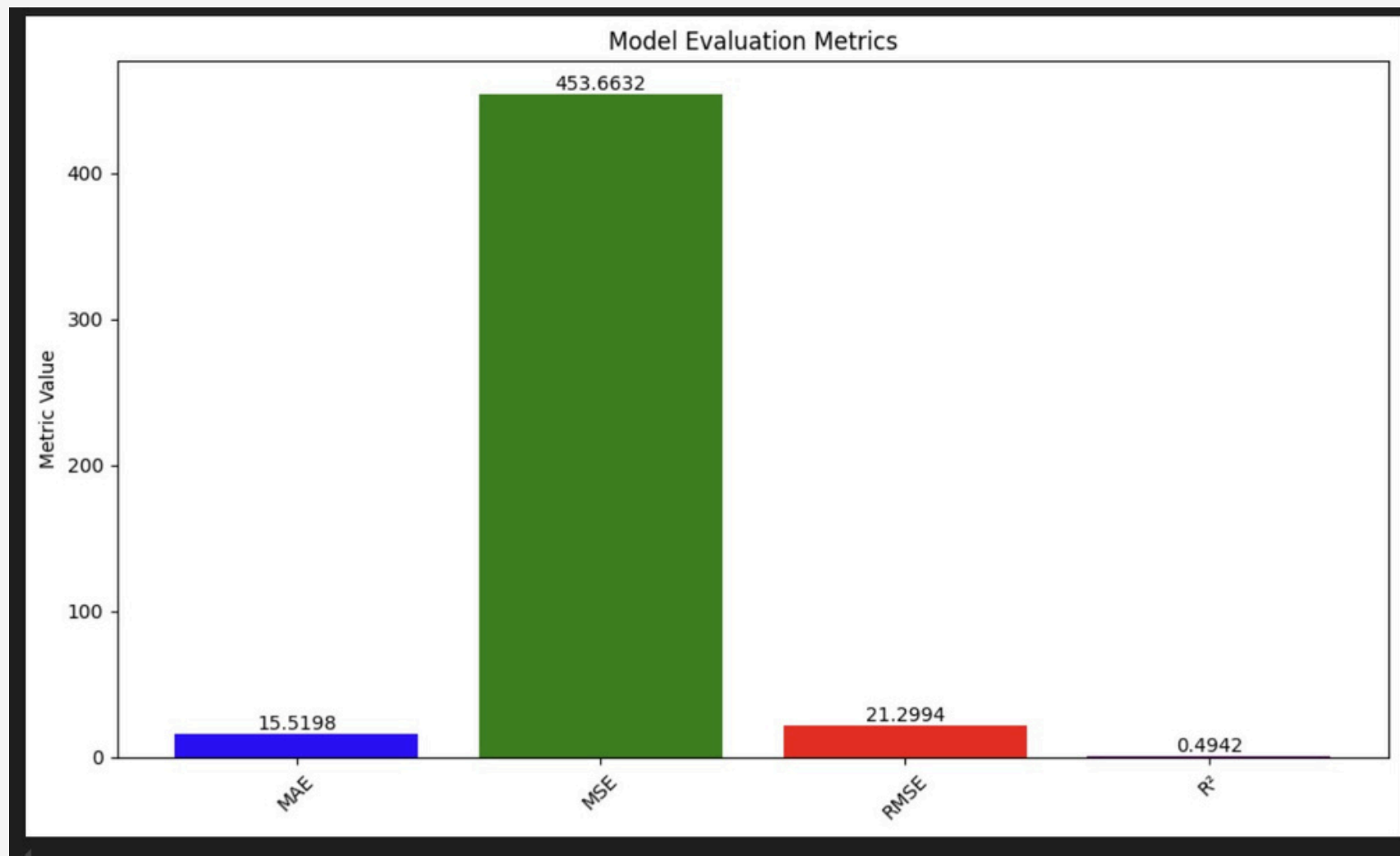before feature reduction using correlation matrix

after feature reduction using correlation matrix

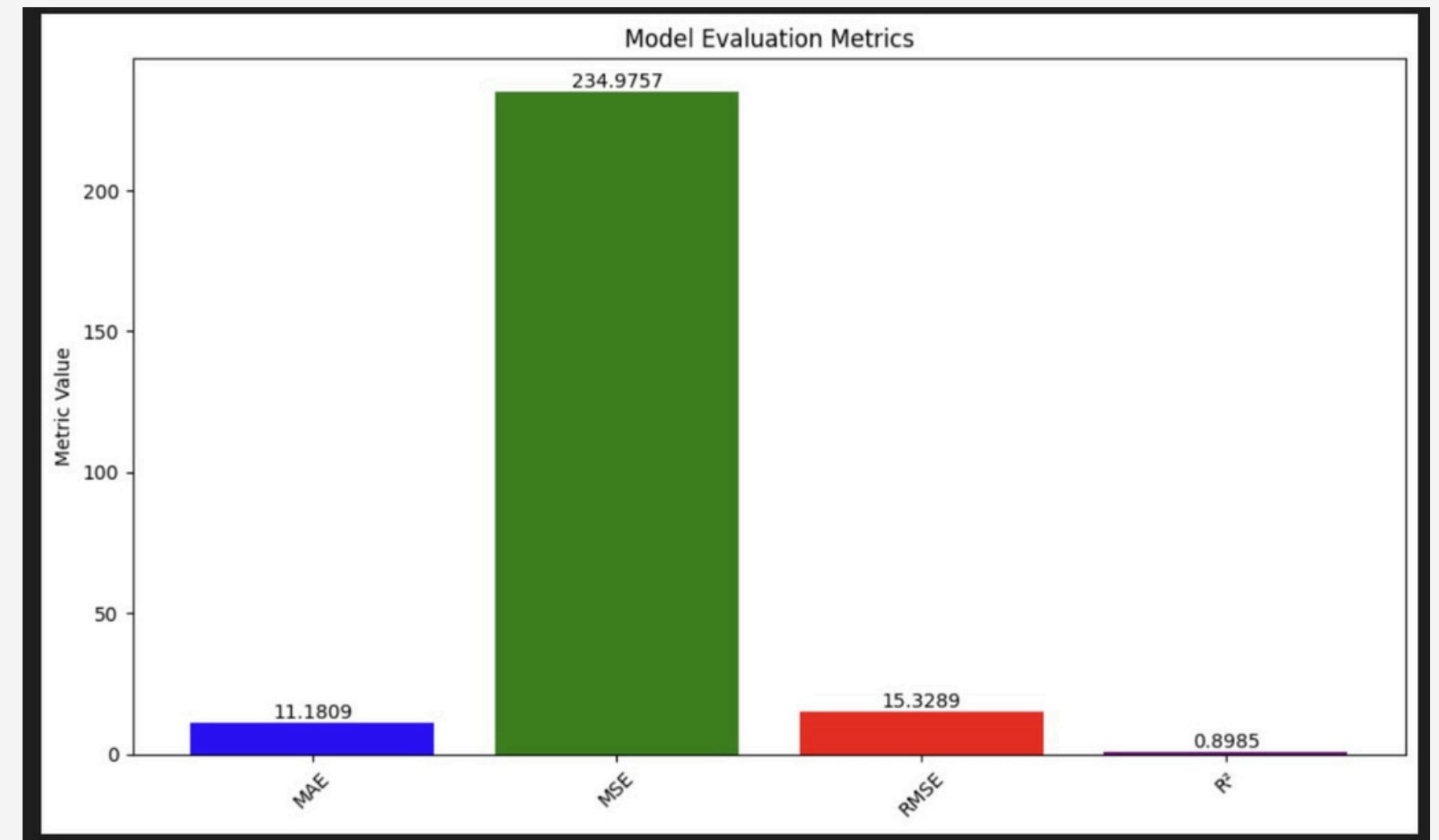before feature reduction using correlation matrix

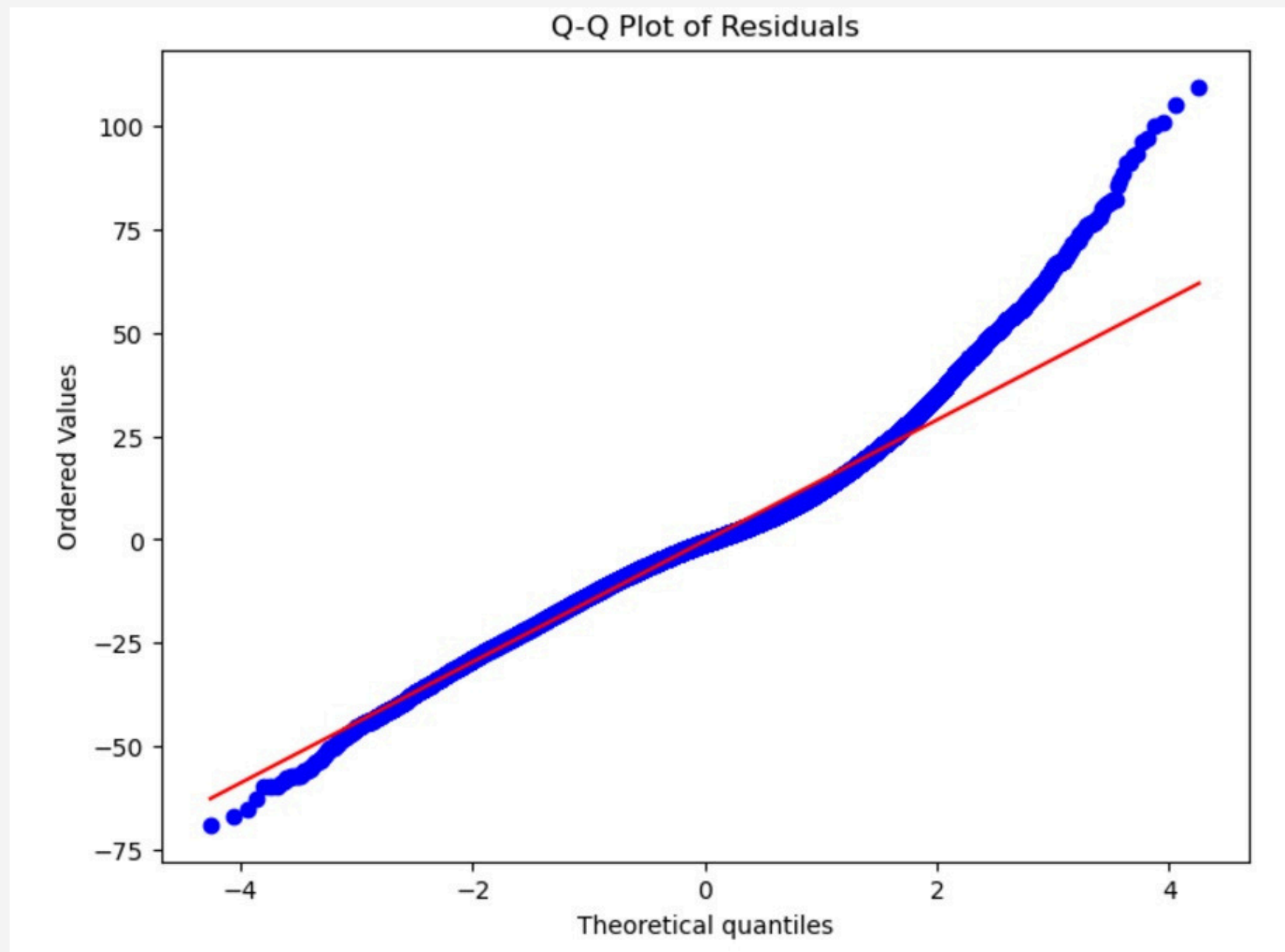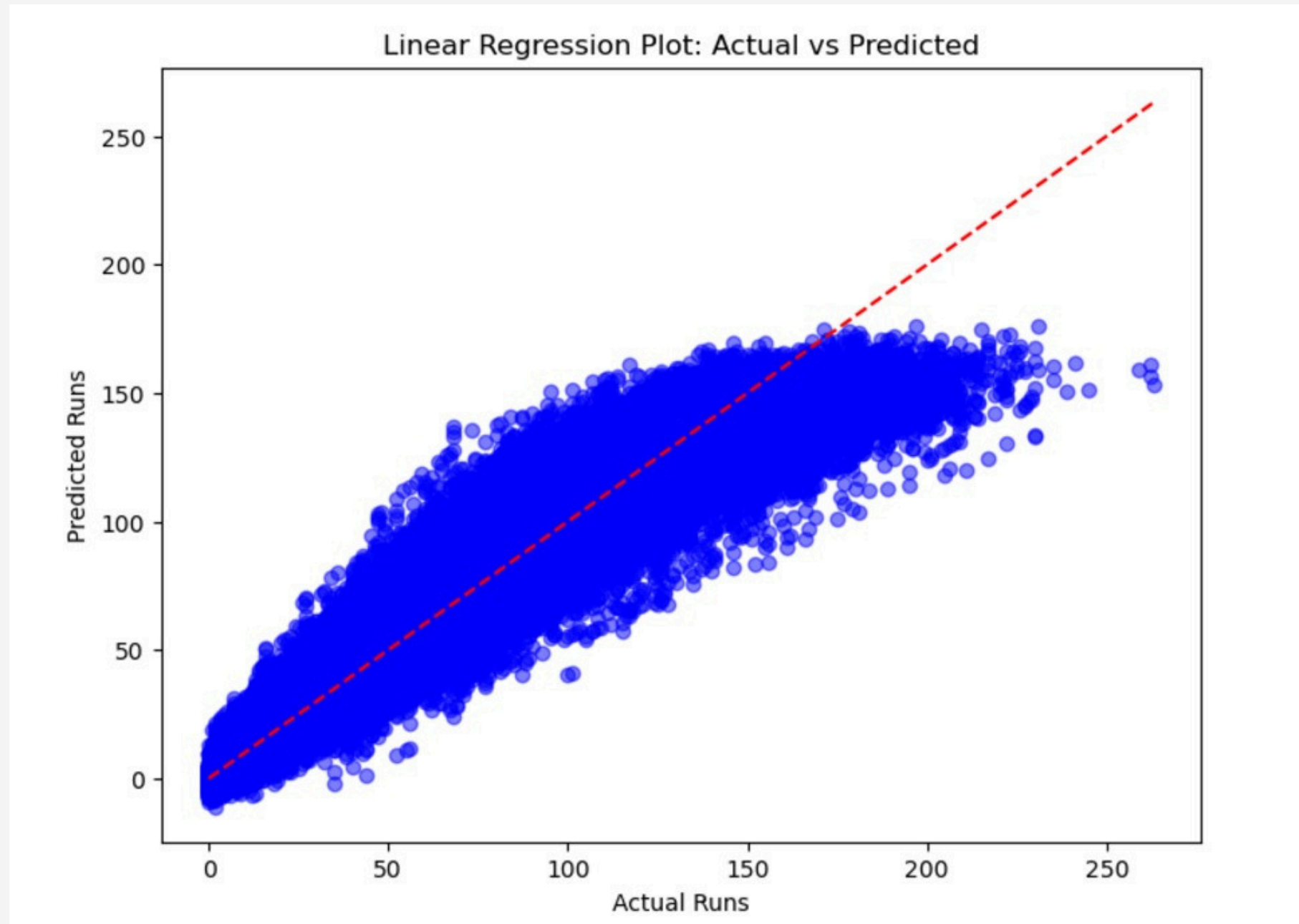after feature reduction using correlation matrix

before feature reduction using correlation matrix

after feature reduction using correlation matrix
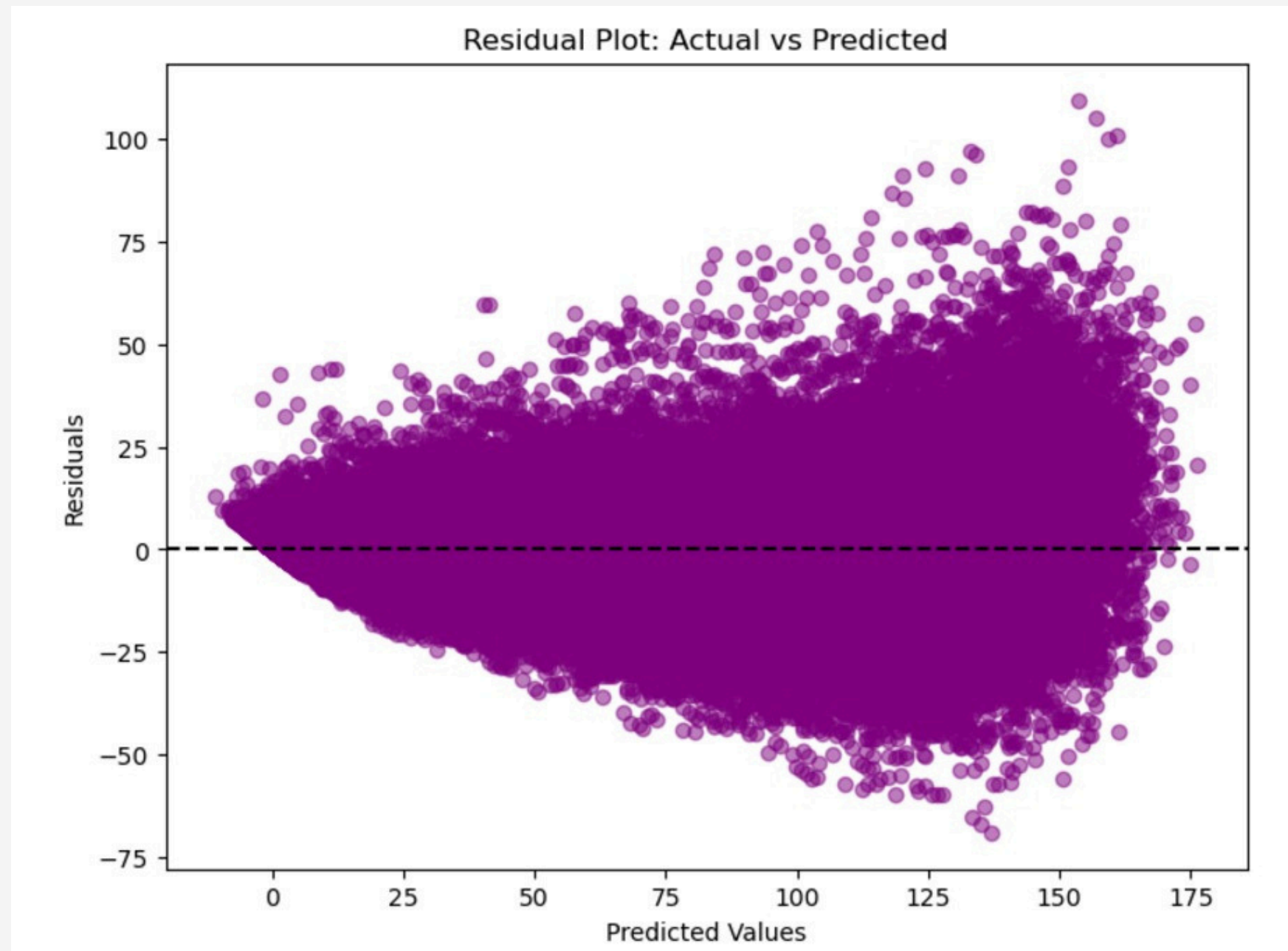
Linear regression model
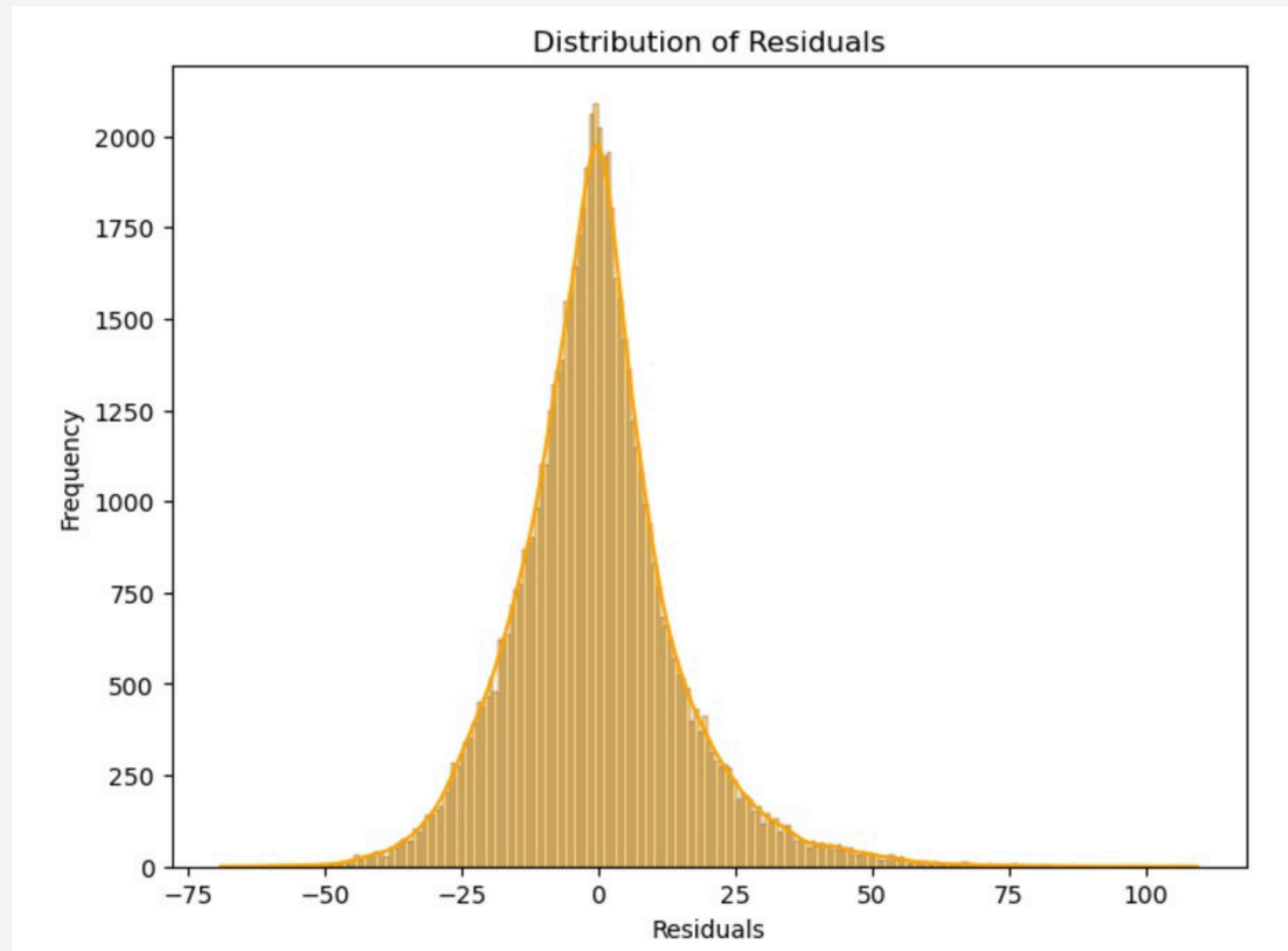
Q-Q Plot of residuals

Linear Regression Plot

Linear Regression Plot: Actual vs Predicted

plot of residual values

Residual Plot: Actual vs Predicted

Distribution of residuals

Model Evaluation Metrics

Model Evaluation Metrics