Analysis Question 1:

Restatement of Problem

Build and Fit the Model

Checking Assumptions

Residual Plots

Influential point analysis (Cook’s D and Leverage)

Make sure to address each assumption.

Comparing Competing Models

Adj R2

Internal CV Press

Parameters

Estimates

Interpretation

Confidence Intervals

Conclusion

A short summary of the analysis.

Analysis Question 2

Restatement of Problem

Model Selection

Type of Selection

Stepwise

Forward

Backward

Custom

Checking Assumptions

Residual Plots

Influential point analysis (Cook’s D and Leverage)

Make sure to address each assumption

Comparing Competing Models

Adj R2

Internal CV Press

Kaggle Score

Conclusion: A short summary of the analysis.

Appendix

Well commented SAS Code for Analysis 1 and 2