Regression Model Selection

Stepwise Regression

Due date: 16/ 4/ 2020 (Time 11:30 pm)

Prepare a project explaining the Backward and Forward stepwise regression models, including the AIC criterion for selecting the models. Then apply the approached to some real data sets, such as (mtcars in R).

References:

1. Applied Linear Regression Models, Fifth Edition by Kutner, Nachtsheim and Neter
2. Lecture #20: Notes by Prof. Khalaf Sultan.