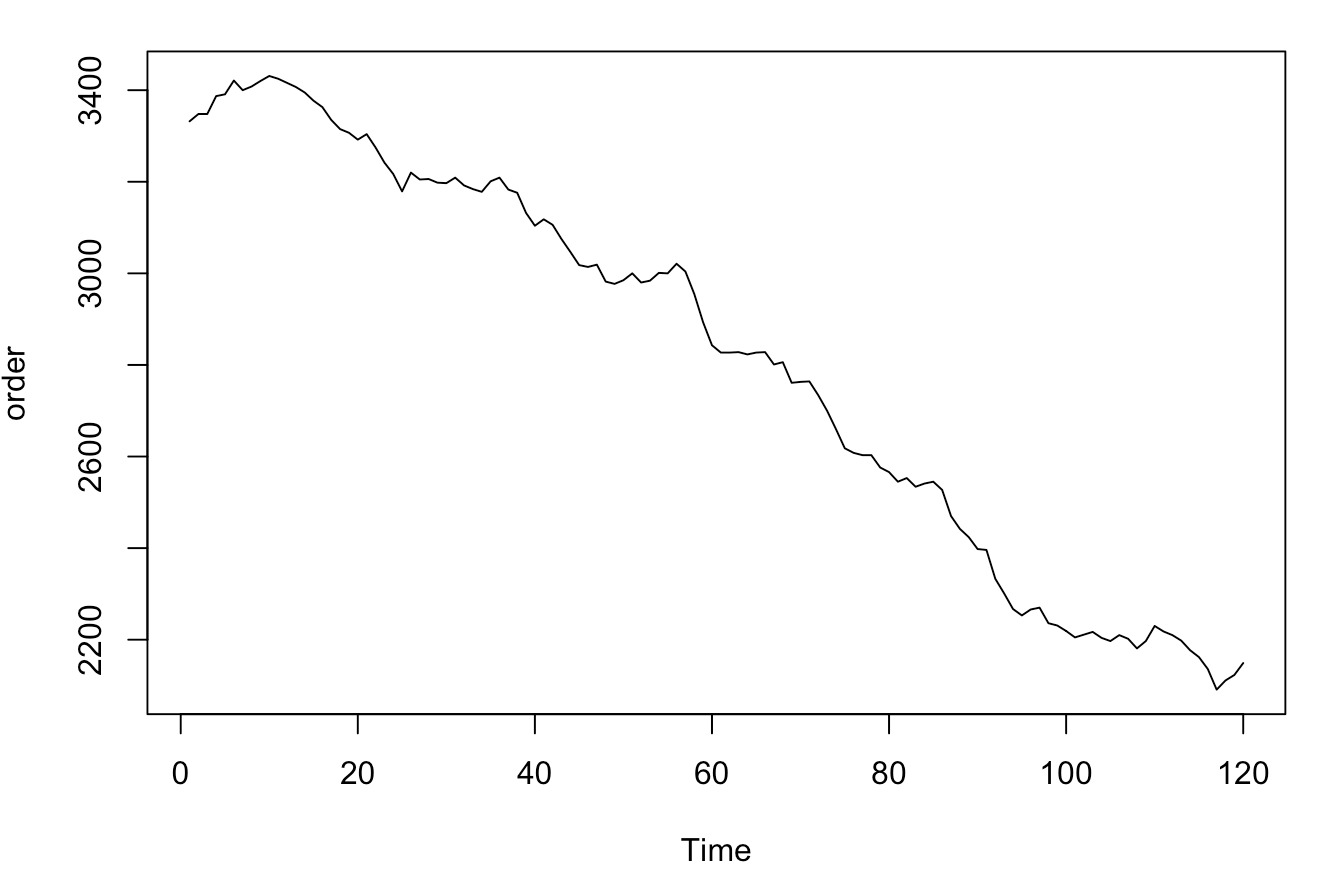
Draft:

Step 1:

At first, we plot the whole dataset and have a look.



Step 2:

Split the dataset into two parts, the train and the test. We use 90%of the whole dataset to build the train dataset, which contains 108 data. The remain data belong to the test dataset.

Step 3:

We firstly fit Linear Trend Regression model,

K = 1,

K = 2,

K = 3,

.