

Figure 1. Question 1a

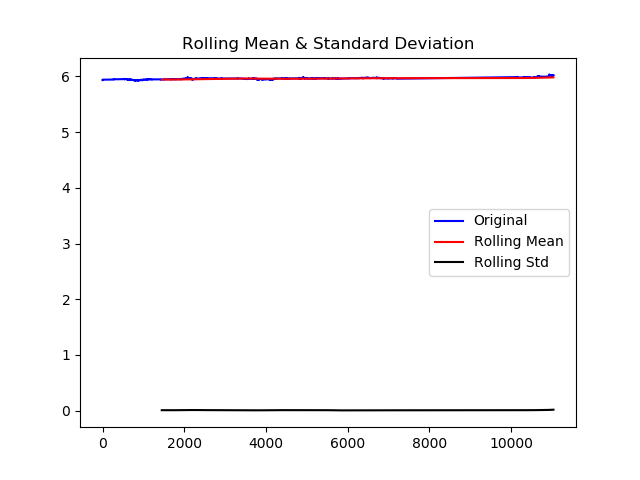


Figure 2. Question 1c

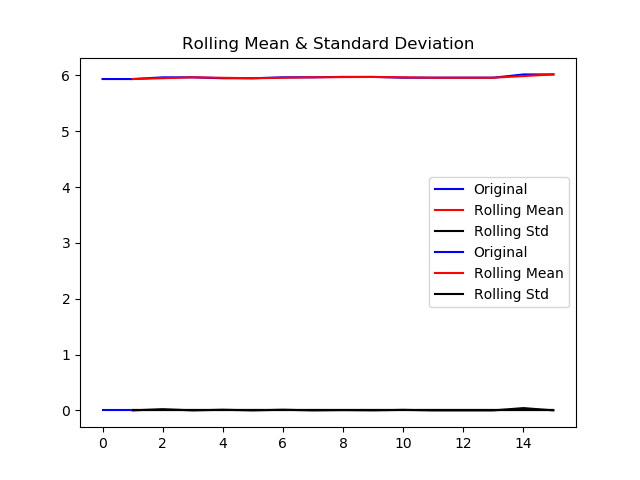


Figure 3. Question 2a

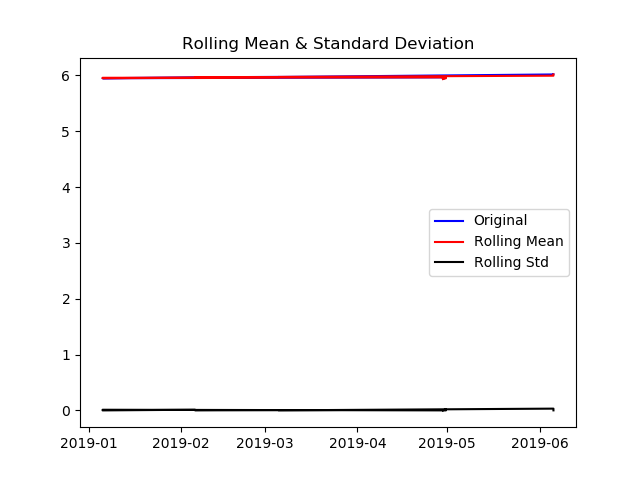


Figure 4. Question 2c

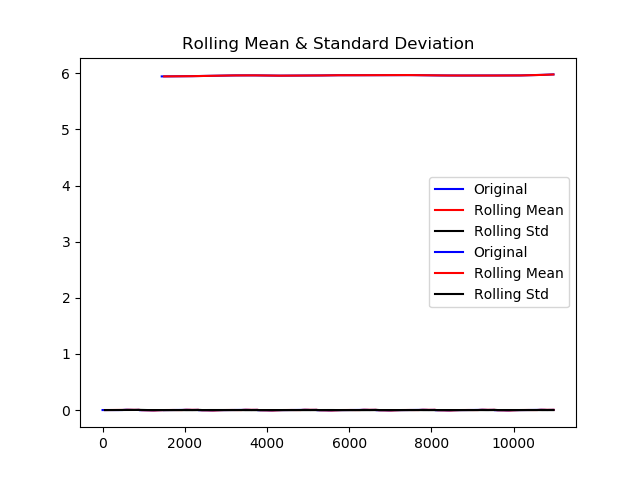


Figure 5. Question 3a

1. When we look at the RMSE values, the best method seems to be simple moving average method with exponential smoothing estimation.
2. Smoothing decreased the RMSE values significantly.