Holt’s linear trend method works best because it considers trend and seasonality. Smoothing the data helps to find better estimations because it eliminates the effect of trend and seasonality.

Results of Dickey-Fuller Test:

Test Statistic -1.612920

p-value 0.476443

#Lags Used 2.000000

Number of Observations Used 11036.000000

Critical Value (1%) -3.430943

Critical Value (5%) -2.861802

Critical Value (10%) -2.566909

Dollar estimation: 6.023640040905142

Estimate holt RMSE: 0.0042999999999997485

Dollar estimation: 6.023640040905142

estimate HOLT: 6.0236

actual: 6.0193

Naive estimate: 6.0193

RMSE for holt estimation: 0.0042999999999997485

RMSE for naive estimation: 0.0