ASSIGNMENT 5

Holts winters method

Mahima V   PES1201700665

Amrita hegde   PES1201700970

Chaitra H P   PES1201701370

Problem Statement:

Use Holts Winters Method to forecast values in a dataset that has trend and seasonality component and plot the results to compare with actual values.

Time	Ads
2017-09-13 00:00:00	80115
2017-09-13 01:00:00	79885
2017-09-13 02:00:00	89325
2017-09-13 03:00:00	101930
2017-09-13 04:00:00	121630

Ads watched (hourly data)

Moving average
window size = 4

Legend:
- Rolling mean trend
- Actual values

Moving average
window size = 24

Legend:
- Rolling mean trend
- Actual values

Exponential Smoothing

Legend:
- Alpha 0.3
- Alpha 0.05
- Actual