## QBUS6840: Tutorial 6 Tasks

In the first task of Week06 tutorial document, we have learnt hot to select the best fitted  $\alpha$  value for one-step forecasting.

Now, continue with the task 2 of week06 tutorial, you need to find the best fitted  $\alpha$  and  $\beta$  value for the "AustralianVisitors.csv" dataset:

- 1. Load the dataset and implement a Holt's linear trend smoothing.
- 2. Define a range of  $\alpha$  and  $\beta$  value to iterate over to calculate the SSE.
- 3. Report the best fitted  $\alpha$  and  $\beta$  value and summarize your observation