



EVALUASI TENGAH SEMESTER 2023

PEEMODELAN DAN ANALITIKA PREDIKTIF

Course convenor: **Raras Tyasnurita**

The United States of America has the highest total tourism income, followed by European countries (Spain and France), and Asia (Thailand). Indonesia was ranked 26th. The president assigns YOU to forecast the number of visits for the **remaining months of 2020**. The number of visitors was available monthly and quarterly from 1986 to 2020. They are presented as the number of tourist visitors.xls. Analyze at least two forecasting methods that you have studied (one from Moving Average, one from Exponential Smoothing) and present the comparison performance using MAPE. **Please choose the methods based on the data patterns**. Then, compare the performance of the proposed model with a simple forecast (mean model or naïve model). You need to plot the comparison between the forecast and the actual.

Marking:

Defining data pattern [Mark: 30]

Applying forecasting method [Mark: 50]

Presenting results and recommendations [Mark: 20]