**STT 811**

**In-Class Assignment 20**

1. For the beer dataset
   1. Import the data
   2. Convert it into a time series
   3. Graph the time series. Does it appear that there is seasonality?
   4. Create forecasts using
      1. Naïve
      2. Seasonal naïve
      3. Simple exponential smoothing
      4. Holt
      5. Holt-winters
   5. For each, compute the MAPE. Which one has the best MAPE?
   6. Graph the series together with the best forecast model.