**STT 811**

**In-Class Assignment 21**

1. For the beer dataset
   1. Graph the time series. Does it appear that there is seasonality?
   2. Plot the acf and pacf functions.
   3. Create an ARIMA forecasts auto.arima. Does the forecast have seasonality?
   4. Compute the MAPE. How does the MAPE compare to the H-W model from last time?