**In preparation for the next live session, please complete the following. Be sure and submit your work to the "Unit 5: "For Live Session" Assignment" assignment on 2DS:**

Use Aic5 to assess the use of ARMA models for your time series.  Add your findings to the Google doc.

<https://docs.google.com/document/d/1KhKA_sjdFZpSOrISRAVdeoTPkEaxhiiUY-Jfj7dH_ks/edit>

**For the breakout PowerPoint slides:**

Slide 1: Use Aic5 to assess the use of ARMA models in the Walmart data.

Slide 2: Find ρ1 for the following model by hand.  Xt = at–.8at-1 + .5at–2.

Slide 3: Represent the model as a GLP.

Slide 4: Generate a realization from an ARMA model.  \You pick p and q.  Include the ACF and spectral density.

Slide 5: Use AIC 5 to identify the top five quality models with respect to AIC for the cancelled flight data from the SWADelay.csv data set (column: arr\_cancelled). Comment on which are AR, MA, and ARMA.

Don't forget to make your last slide(s) your Key Takeaways and any questions you may have!