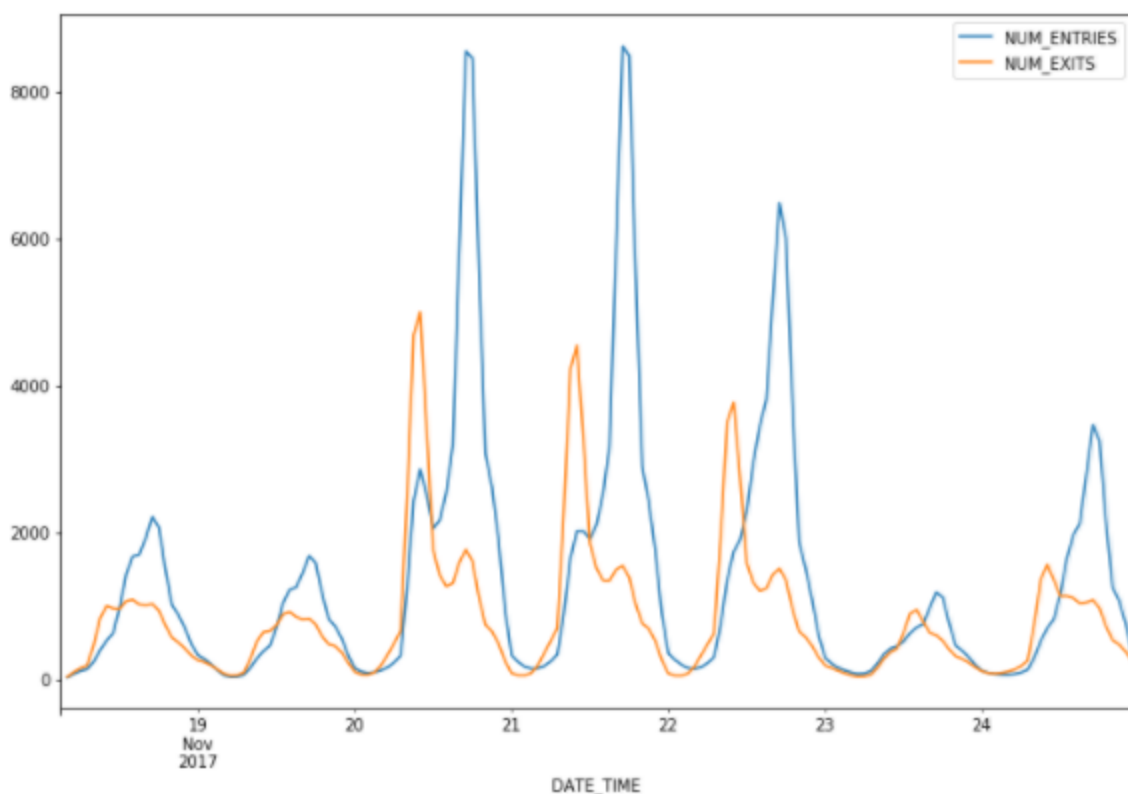# 4. Visualization (15 pts)

Now, create a visualization that plots the resampled entry and exit counts for a particular station. Specifically, let's examine the unit corresponding to Chambers St. (unit `R029`). Sum the `NUM_ENTRIES` and `NUM_EXITS` columns for **all** of the control areas (and all their subunits).

Finally, plot the number of entries and exits over the weeklong period covered by the data by drawing two line plots on the same axes. Your final image should look something like the following:

Example Solution for Part 4

Hints

- A `groupby` will be useful, but remember you want to include the timestamp and not the control area (`C/A`) or subunit (`SCP`) as grouping columns.
- Pandas built-in plot function will generate line plots by default, and will plot two columns as two lines.
- Pass a larger `figsize` to plot to generate a larger image (e.g. (12,8))

Extra Credit (10 pts)

- Find a remote (station) that does not see the same type of drops on weekends and holidays. Display its visualization.
- Fix the issue with counters that counter backwards identified in Part 2.