Data Science Project 2: Chicago CTA

Team:   
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**Chosen topic and rational:**  
We want to visualize ridership data for the CTA ‘L’ system

* CTA has made a number of improvements over the past decade
* CTA was rated the top city public transportation system for 2019
  + <https://www.chicagoreader.com/chicago/cta-taco-transit-map/Content?oid=66517731>

Link to datasets

* <https://data.cityofchicago.org/Transportation/CTA-Ridership-L-Station-Entries-Daily-Totals/5neh-572f>
* <https://data.cityofchicago.org/Transportation/CTA-Ridership-L-Station-Entries-Monthly-Day-Type-A/t2rn-p8d7>
* <https://data.cityofchicago.org/Transportation/CTA-System-Information-List-of-L-Stops/8pix-ypme>

Visuals

* Heatmap of ridership by station – toggle by year
* Stacked Bar chart of ridership by ‘L’ line (color coded for weekday, sat, sun/holiday) - toggle by year
* Multi-line chart of system total daily ridership – toggle by year
* Weekend/weekday/holiday