Question/Need: **Would it be financially viable to increase MTA fares, in a tiered fashion based on temporal ridership volume categories, in order to cover the costs of ecologically-focused educational programming for under-served inner city youth? Secondarily, where are the best stations to poll the public about this initiative, and when are the best times to do it?**

* What is the question behind your analysis? What is the purpose of the model/system you plan to build?
* Who benefits from exploring this question or building this model/system?

Data Description: **MTA turnstile data, acquired with the provided .py script; intending to use 3 month’s worth of data (the data is broken down into 4-hour intervals, delivered in week-sized packets). The necessary rows from this data will be: STATION, LINENAME, DIVISION (?), DATE, TIME, DESC. Additionally, I will need basic data on the current fares for subway use in New York City, as well as approximate rates for programming (educators, transit, etc.)**

* What dataset(s) do you plan to use, and how will you obtain the data?
* What is an individual sample/unit of analysis in this project (i.e., what are your rows)? What characteristics/features do you expect to work with (i.e., what are your columns of interest)?

Tools: **Leverage DB Browser For SQLite (or Dbeaver) to create a SQL database; import into Python with SQLAlchemy; move into Pandas EDA as quickly as possible! Seaborn for visualization. I am trying to avoid extra tools.**

* How do you intend to meet the tools requirement of the project?
* Are you planning in advance to need or use additional tools beyond those required?

MVP Goal: **No more than 1 paragraph describing initial findings regarding weekend/weekday peak/valley ridership windows, and a proposed tier-based fee increase plan. Bonus points for having applied fee increases to the ridership windows as well as rough-sketching program costs.**

**A line chart of daily average ridership volume peaks and valleys.**