3/20/24

- uploaded Divvy_Trips_2018_Q1 to Google Sheets
  - updated column names to match other sheets
    - ride_id, start_time, end_time, bike_id, trip_duration, start_station_id, start_station_name, end_station_id, end_station_name, usertype, member_gender, member_birthyear, ride_length, day_of_week
  - for column "usertype", changed "member" to "Subscriber" and "casual" to "Customer" to match corresponding columns in other sheets
  - created new column titled "ride_length" subtracting columns "end_time" and "start_time"
    - format column to duration
  - created new column titled "day_of_week" using =WEEKDAY() formula
    - 1 = Sunday, 2 = Monday, etc.
- uploaded Divvy_Trips_2019_Q1 to Google Sheets
  - updated column names to match other sheets
    - ride_id, start_time, end_time, bike_id, trip_duration, start_station_id, start_station_name, end_station_id, end_station_name, usertype, member_gender, member_birthyear, ride_length, day_of_week
  - created new column titled "ride_length" subtracting columns "end_time" and "start_time"
    - formatted column to duration
  - created new column titled "day_of_week" using =WEEKDAY() formula
    - 1 = Sunday, 2= Monday, etc.
- uploaded Divvy_Trips_2020_Q1 to Google Sheets
  - updated column names to match other sheets
    - ride_id, rideable_type, start_time, end_time, start_station_id, start_station_name, end_station_id, end_station_name, start_lat, start_lng, end_lat, end_lng, usertype, ride_length, day_of_week
  - created new column titled "ride_length" subtracting columns "end_time" and "start_time"
    - format column to duration
  - created new column titled "day_of_week" using =WEEKDAY() formula
    - 1 = Sunday, 2 = Monday, etc.

3/25/24

- updated Divvy_Trips_2018_Q1 and Divvy_Trips_2019_Q1 on Google Sheets
  - renamed trip_duration to ride_length_sec and moved column to the right of ride_length
  - removed bike_id, member_gender, and member_birthyear columns
- updated DivvyTrips_2020_Q1 on Google Sheets

- ○ created new column called ride_length_sec using =(cell)*86400 and formatted the entire column to be a number
  - ■ 86400 is the number of seconds in a day
- ○ removed start_lat, start_lng, end_lat, and end_lng columns

4/15/24
- ● read Divvy_Trips_2019_Q2.csv as a dataframe in Python
  - ○ dropped columns '01 - Rental Details Bike ID', 'Member Gender', and '05 - Member Details Member Birthday Year'
  - ○ renamed columns to match datasets on Google Sheets
    - ■ ride_id, start_time, end_time, ride_length_sec, start_station_id, start_station_name, end_station_id, end_station_name, usertype
  - ○ separated dataframe into two separate tables; one with only "Customer" user types and the other with only "Subscriber" user types
    - ■ saved as Divvy_Trips_2019_Q2_cust and Divvy_Trips_2019_Q2_sub
- ● read Divvy_Trips_2019_Q3.csv as a dataframe in Python
  - ○ dropped columns 'bikeid', 'gender', 'birthyear'
  - ○ renamed columns to match datasets on Google Sheets
    - ■ ride_id, start_time, end_time, ride_length_sec, start_station_id, start_station_name, end_station_id, end_station_name, usertype
  - ○ separated dataframe into two separate tables; one with only "Customer" user types and the other with only "Subscriber" user types
    - ■ saved as Divvy_Trips_2019_Q3_cust and Divvy_Trips_2019_Q3_sub
- ● read Divvy_Trips_2019_Q4.csv as a dataframe in Python
  - ○ dropped columns 'bikeid', 'gender', 'birthyear'
  - ○ renamed columns to match datasets on Google Sheets
    - ■ ride_id, start_time, end_time, ride_length_sec, start_station_id, start_station_name, end_station_id, end_station_name, usertype
  - ○ separated dataframe into two separate tables; one with only "Customer" user types and the other with only "Subscriber" user types
    - ■ saved as Divvy_Trips_2019_Q4_cust and Divvy_Trips_2019_Q4_sub
- ● uploaded all 6 csv files to Google Sheets (now that these are smaller)
  - ○ added ride_length column to all 6 by subtracting end_time and start_time
  - ○ added day_of_week column by using =WEEKDAY() function