ICE: Practice with Nested Queries and Joins

# Section 1: HAVING, Nested Queries, and CTEs

Use the following database table to answer the questions in this section:

* **`bigquery-public-data.new\_york\_taxi\_trips.tlc\_yellow\_trips\_2022`**

1. What dropoff\_location\_id with more than 500,000 trips had the highest average tip (tip\_amount)?

2. What is the pickup\_location\_id of the location with the highest average total amount (total\_amount)? Include only pickup\_location\_ids that have an average distance (trip\_distance) of more than 10 miles.

# Section 2: JOINs

Use the following database tables to answer the questions in this section:

* **`bigquery-public-data.new\_york\_taxi\_trips.taxi\_zone\_geom`**
* **`bigquery-public-data.new\_york\_taxi\_trips.tlc\_yellow\_trips\_2022`**

*(See the next page for an ERD of this database.)*

3. What is the name of the borough that had the highest number of pickups?

4. What zone name in 'Harlem' had the highest number of dropoffs?

5. What is the name of the pickup zone that has the highest average tip (tip\_amount)?

# Submission Instructions

1. You must include BOTH your answer to each question as well as the query you used to determine the answer.
2. You may download and edit this document to include your answers.
3. Only one group member needs to submit this document.

# NYC Taxi Database ERD

