

Zuber SQL Project Description

Project description

You're working as an analyst for Zuber, a new ride-sharing company that's launching in Chicago. Your task is to find patterns in the available information. You want to understand passenger preferences and the impact of external factors on rides.

Working with a database, you'll analyze data from competitors and test a hypothesis about the impact of weather on ride frequency.

Description of the data

A database with info on taxi rides in Chicago:

neighborhoods table: data on city neighborhoods

- **name**: name of the neighborhood
- **neighborhood_id**: neighborhood code

cabs table: data on taxis

- **cab_id**: vehicle code
- **vehicle_id**: the vehicle's technical ID
- **company_name**: the company that owns the vehicle

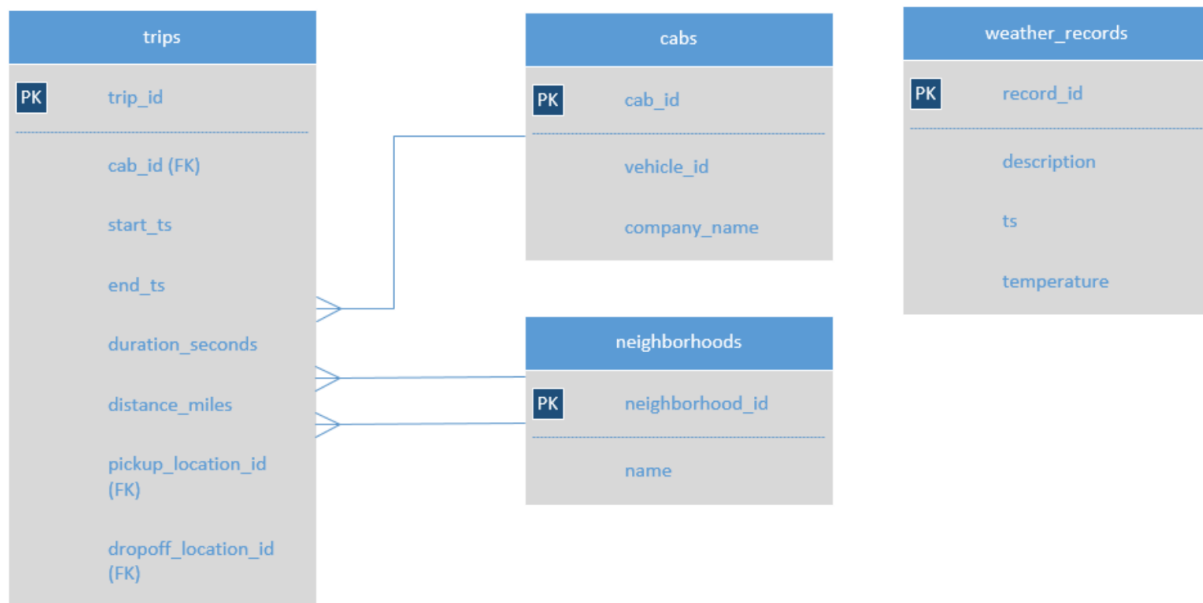
trips table: data on rides

- **trip_id**: ride code
- **cab_id**: code of the vehicle operating the ride
- **start_ts**: date and time of the beginning of the ride (time rounded to the hour)
- **end_ts**: date and time of the end of the ride (time rounded to the hour)
- **duration_seconds**: ride duration in seconds
- **distance_miles**: ride distance in miles
- **pickup_location_id**: pickup neighborhood code
- **dropoff_location_id**: drop-off neighborhood code

weather_records table: data on weather

- **record_id**: weather record code
- **ts**: record date and time (time rounded to the hour)
- **temperature**: temperature when the record was taken
- **description**: brief description of weather conditions, e.g. "light rain" or "scattered clouds"

Table scheme



Note: there isn't a direct connection between the tables trips and weather_records in the database. But you can still use JOIN and link them using the time the ride started (trips.start_ts) and the time the weather record was taken (weather_records.ts).