

Cab Data Researcher is a company that provides insights on the open data about NY cab trips

Cab trips in NY are public available as csv downloadable files. In order to make it more useful we want to wrap the data in a public API.

Data format is as follow:

```
medallion, hack_license, vendor_id, rate_code, store_and_fwd_flag,  
pickup_datetime, dropoff_datetime, passenger_count,  
trip_time_in_secs, trip_distance
```

The medallion is the cab identification.

Our API should provide a way to query how many trips a particular cab (medallion) has made given a particular pickup date (using `pickup_datetime` and only considering the date part)

The API must receive one or more medallions and return how many trips each medallion has made.

Considering that the query creates a heavy load on the database, the results must be cached.

The API must allow user to ask for fresh data, ignoring the cache.
There must be also be a method to clear the cache.

What do we provide:

- Running java project with initial structure and suggested API methods
- SQL statements to populate database from the csv

we provided the template using springboot, but there's no need to use that. If you'd rather use something else, all good

What should you deliver:

- Running client and server
- Simple command line to test
- Instructions

Attention: the SQL file is a huge file. We suggest you import via command line