SQL - Aggregating and Grouping

**Drills**

* + 1. What was the hottest day in our data set? Where was that?

134°f,, zip 94063, Redwood City, 2015, Nov 17

(select maxtemperaturef, zip, date,

count(\*) as zip\_count

from weather

where maxtemperaturef =

(select max(maxtemperaturef) as max\_temp from weather)

group by 1, 2, 3

;

* 1. How many trips started at each station?

SELECT start\_station,

COUNT(\*)

FROM trips

GROUP BY start\_station

LIMIT 100;

What's the shortest trip that happened?

SELECT trip\_id,

min(duration) as duration,

COUNT(\*)

FROM trips

GROUP BY 1

ORDER By duration ASC

limit 5

;

Result:

* What is the average trip duration, by end station?

SELECT end\_station, avg(duration)

FROM trips

GROUP BY 1

LIMIT 100;

Save the SQL queries you use to answer these questions in a gist or a GitHub repository and submit a link below.

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