TASK 1 (pct\_trip\_station (?)

SELECT

s.station\_id,

s.name AS station\_name,

r.region\_id AS region\_id,

r.name AS region\_name,

COUNT (DISTINCT t.trip\_id) AS cnt\_trip\_station

FROM

`bigquery-public-data.san\_francisco\_bikeshare.bikeshare\_station\_info` AS s

LEFT JOIN

`bigquery-public-data.san\_francisco\_bikeshare.bikeshare\_regions` AS r

ON s.region\_id = r.region\_id

LEFT JOIN

`bigquery-public-data.san\_francisco\_bikeshare.bikeshare\_trips` AS t

ON t.start\_station\_id = s.station\_id

GROUP BY s.station\_id, r.region\_id, s.name, r.name

ORDER BY s.station\_id ASC

SELECT

s.station\_id,

s.name AS station\_name,

r.region\_id,

r.name AS region\_name,

COUNT (DISTINCT trip\_id) AS cnt\_trip\_station,

COUNT (DISTINCT trip\_id)/cnt\_trip\_region AS pct\_trip\_station

FROM `bigquery-public-data.san\_francisco\_bikeshare.bikeshare\_trips` AS t

LEFT JOIN `bigquery-public-data.san\_francisco\_bikeshare.bikeshare\_station\_info` AS s

ON t.start\_station\_id = s.station\_id

LEFT JOIN `bigquery-public-data.san\_francisco-bikeshare.bikeshare\_regions` AS r

ON s.region\_id = r.region\_id

JOIN `thinking-avenue-345509.trips.trips\_per\_region` AS rs

ON r.region\_id = rs.region\_id

GROUP BY 1,2,3,4,cnt\_trip\_region

ORDER BY 3, 1

TASK 2

SELECT

trip\_id,

start\_date AS timestamp,

start\_station\_name AS station\_name,

'Started' AS trip\_status

FROM

`bigquery-public-data.san\_francisco\_bikeshare.bikeshare\_trips`

UNION ALL

SELECT

trip\_id,

end\_date AS timestamp,

end\_station\_name AS station\_name,

'Ended' AS trip\_status

FROM

`bigquery-public-data.san\_francisco\_bikeshare.bikeshare\_trips`

ORDER BY trip\_id, timestamp ASC

TASK 3

TASK 4

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