Data Engineering ZoomCamp

Module 1: HW

Q1. –rm

Q2. 0.42.0

Q3. 15612

SELECT COUNT(1)

FROM green\_taxi\_trips

WHERE DATE(lpep\_pickup\_datetime) = '2019-09-18'

AND DATE(lpep\_dropoff\_datetime) = '2019-09-18'

Q4. 2019-09-21

SELECT \* FROM green\_taxi\_trips

WHERE DATE(lpep\_pickup\_datetime) = DATE(lpep\_dropoff\_datetime)

ORDER BY trip\_distance DESC

Q5. "Brooklyn" "Manhattan" "Queens"

SELECT lookup."Borough", ROUND(SUM(total\_amount)) FROM green\_taxi\_trips as green

INNER JOIN taxi\_zone\_lookup as lookup

ON green."PULocationID" = lookup."LocationID"

WHERE lookup."Borough" != 'Unknown'

AND DATE(green.lpep\_pickup\_datetime) = '2019-09-18'

GROUP BY lookup."Borough"

Q6. JFK Airport

SELECT "Zone" from taxi\_zone\_lookup

WHERE "LocationID" IN (

SELECT green."DOLocationID" FROM green\_taxi\_trips as green

INNER JOIN taxi\_zone\_lookup as lookup

ON green."PULocationID" = lookup."LocationID"

WHERE lookup."Zone" = 'Astoria'

ORDER BY tip\_amount DESC LIMIT 1)

