**Question 1. Knowing docker tags**

Run the command to get information on Docker

docker --help

Now run the command to get help on the "docker build" command

Which tag has the following text? - *Write the image ID to the file*

* --imageid string
* --iidfile string
* --idimage string
* --idfile string

**Answer 1:** --iidfile string

**Question 2. Understanding docker first run**

Run docker with the python:3.9 image in an interactive mode and the entrypoint of bash. Now check the python modules that are installed ( use pip list). How many python packages/modules are installed?

* 1
* 6
* 3
* 7

**Answer 2:** 3

**Question 3. Count records**

How many taxi trips were totally made on January 15?

Tip: started and finished on 2019-01-15.

Remember that lpep\_pickup\_datetime and lpep\_dropoff\_datetime columns are in the format timestamp (date and hour+min+sec) and not in date.

* 20689
* 20530
* 17630
* 21090

**Answer 3:** 20530

**Question 4. Largest trip for each day**

Which was the day with the largest trip distance Use the pick up time for your calculations.

* 2019-01-18
* 2019-01-28
* 2019-01-15
* 2019-01-10

**Answer 4:** 2019-01-10

**Question 5. The number of passengers**

In 2019-01-01 how many trips had 2 and 3 passengers?

* 2: 1282 ; 3: 266
* 2: 1532 ; 3: 126
* 2: 1282 ; 3: 254
* 2: 1282 ; 3: 274

**Answer 5:** 2: 1282 ; 3: 254

**Question 6. Largest tip**

For the passengers picked up in the Astoria Zone which was the drop off zone that had the largest tip? We want the name of the zone, not the id.

Note: it's not a typo, it's tip , not trip

* Central Park
* Jamaica
* South Ozone Park
* Long Island City/Queens Plaza

**Answer 6:** Long Island City/Queens Plaza