**Day 5**

**Problem Statement:**

Write a query to print the sum of total investment values in 2016 (TIV\_2016), to a scale of 2 decimal places,

for the policy holders who meet the following criteria:

1.Have the same TIV\_2015 value as one or more other policyholders.

2. Are not located in the same city as any other policyholder (i.e.: the (latitude, longitude) attribute pairs must be unique).

Input Format: The insurance table is described as follows:

**Solution Code:**

/\*Using Ivy sql intership database\*/

use ivy\_sql\_internship;

/\*Creating table insurance\*/

create table insurance

(PID integer(11), TIV\_2015 NUMERIC(15,2), TIV\_2016 NUMERIC(15,2), LAT NUMERIC(5,2), LON NUMERIC(5,2));

/\*inserting values in the table\*/

insert into insurance(PID,TIV\_2015,TIV\_2016,LAT,LON)

values

('1', '10', '5', '10', '10'),

('2', '20', '20', '20', '20'),

('3', '10', '30', '20', '20'),

('4', '10', '40', '40', '40');

/\*Write a query to print the sum of total investment values in 2016 (TIV\_2016), to a scale of 2 decimal places,

for the policy holders who meet the following criteria:

1.Have the same TIV\_2015 value as one or more other policyholders.

2. Are not located in the same city as any other policyholder (i.e.: the (latitude, longitude) attribute pairs must be unique).

Input Format: The insurance table is described as follows:\*/

select sum(TIV\_2016) AS TIV\_2016

from insurance

where TIV\_2015 in (select TIV\_2015 from insurance group by TIV\_2015 having count(\*) > 1)

and

Concat(lat,lon) in (select Concat(lat,lon) from insurance group by Concat(lat,lon) having count(\*) = 1)

**Screenshot of the Code:**

