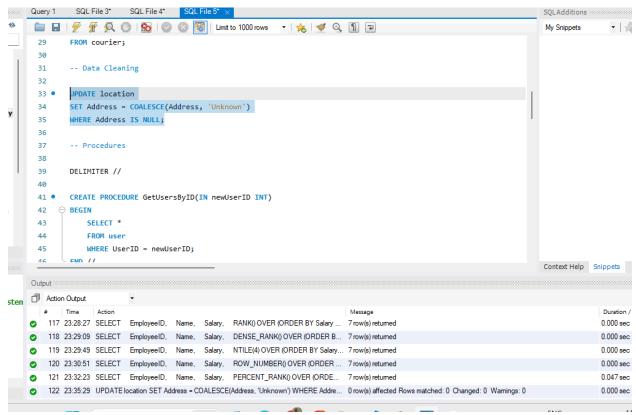
Asmita Porwal Batch-1 Day-5 23/1/2023 Data engineering

Data Cleaning And Transformation:

Check for missing value

Isnull and coalesce

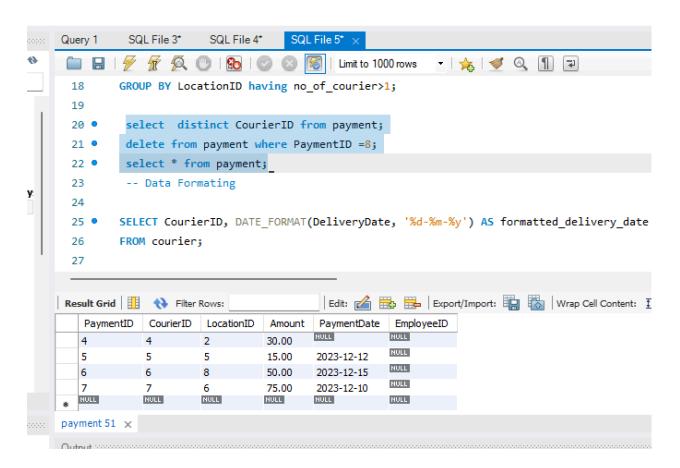


Check for duplicates:

Group by and having: find duplicate records

```
🖮 🖫 | 🗲 🖅 👰 🕛 | 😘 | 📀 🚳 🗺
                                      | Limit to 1000 rows ▼ | 🏡 | 🥩 🔍 👖 📳
        select * from location;
 11 •
 12
        -- Check for duplicates:
 13
        SELECT
 14 •
 15
            LocationID,
            count(CourierID) as no_of_courier
 16
 17
        FROM payment
        GROUP BY LocationID having no of courier>1;
 18
 19
        -- Data Formating
 20
                                     Export: Wrap Cell Content: IA
LocationID
           no of courier
▶ 8
```

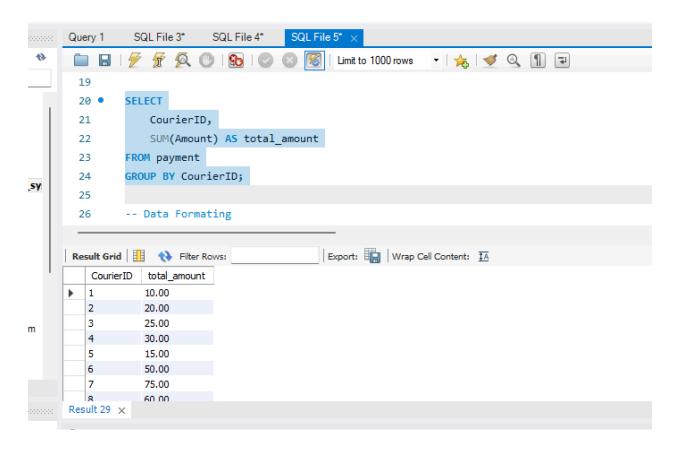
Distinct and delete from:



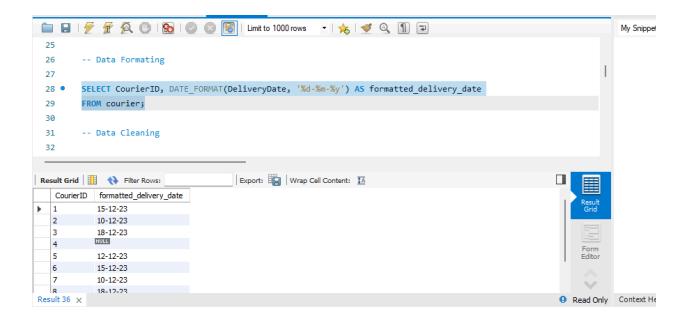
Standarizing and transforming data

For consistency and accurate analysis

Aggregate Function:

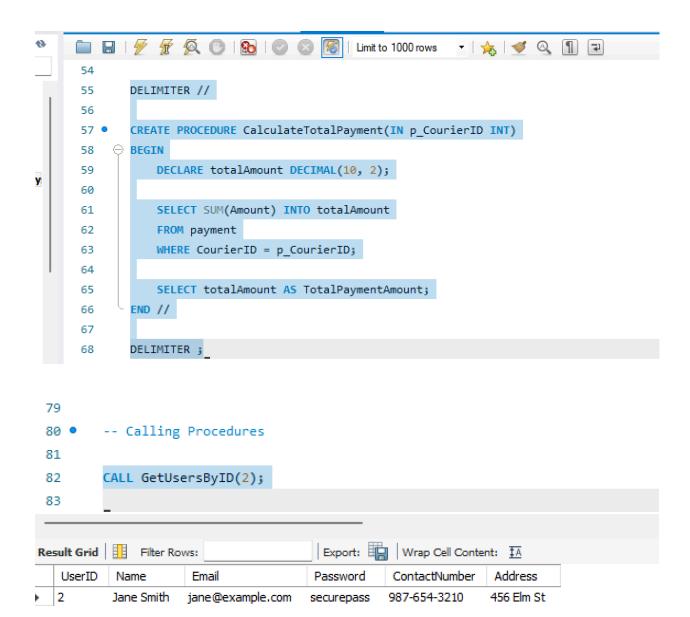


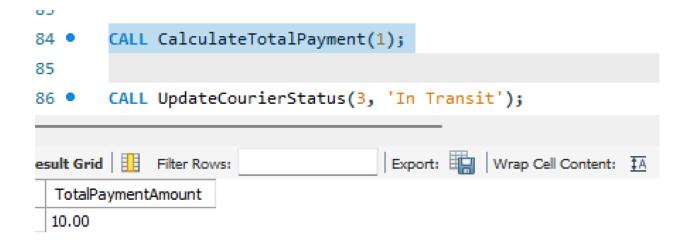
Data formatting:



Procedures:

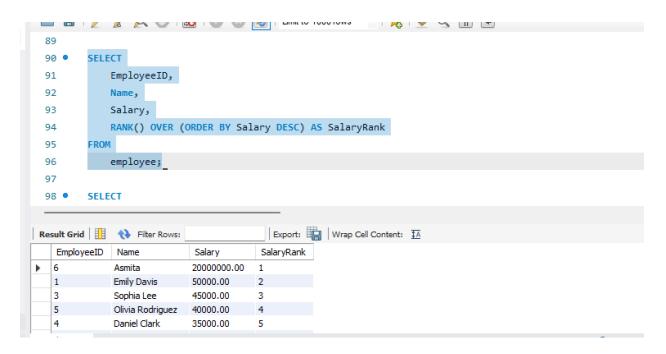
```
WHERE Address IS NULL;
41
      -- Procedures
42
43
       DELIMITER //
44
       CREATE PROCEDURE GetUsersByID(IN newUserID INT)
45 •
   ⊖ BEGIN
46
47
         SELECT *
          FROM user
48
49
          WHERE UserID = newUserID;
50
       END //
51
       DELIMITER;
52
53
54
```



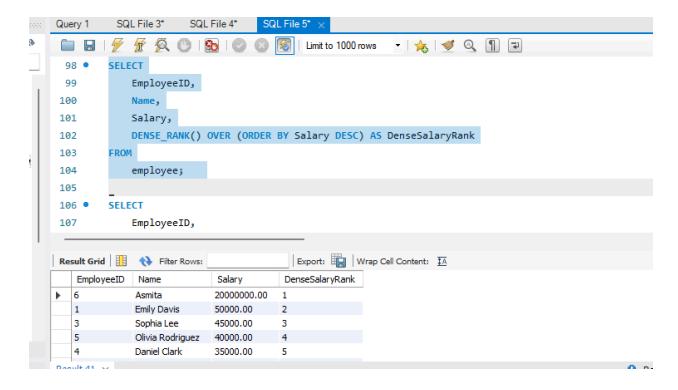


Rank Function:

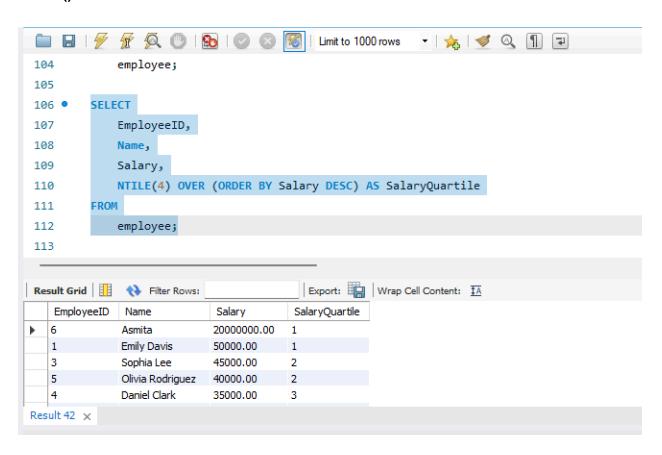
Rank()



Dense_rank()



NTILE()



ROW_NUMBER()

