Name: Krushnakumar Patle

Email: krishnapatle128@gmail.com

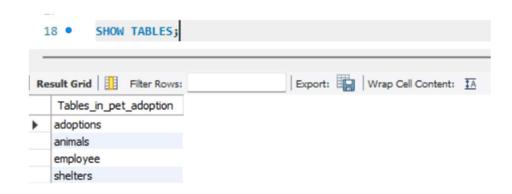
Batch: Data Engineering Batch-1

 Create database pet\_adoption and use it create database pet\_adoption;
 use pet\_adoption;

2. Create animal and adoption table

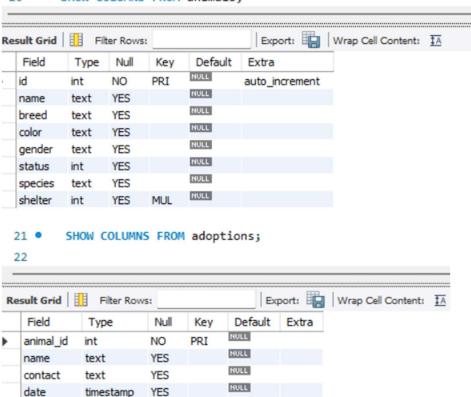
```
4 • ⊖ CREATE TABLE animals (
       id INT AUTO_INCREMENT NOT NULL PRIMARY KEY,
 5
       name text,
 6
 7
       breed text,
       color text,
 8
       gender text,
 9
       status INTEGER);
10
11
12 • ○ CREATE TABLE adoptions (
       animal_id INT PRIMARY KEY NOT NULL ,
13
14
       name TEXT,
15
       contact TEXT,
       date TIMESTAMP);
16
57 • ⊖ CREATE TABLE shelters (
        id INT PRIMARY KEY NOT NULL,
58
 59
        name TEXT,
60
        location TEXT);
```

3. Show tables.

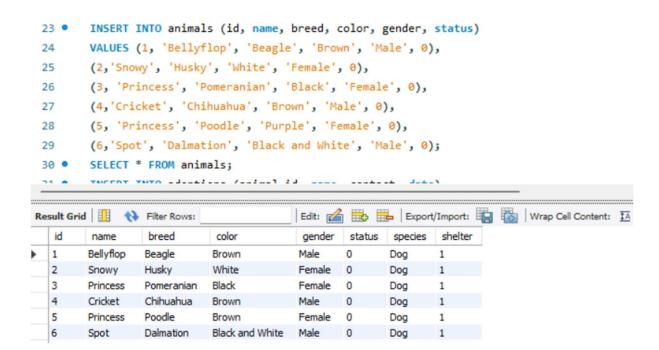


#### 4. Show columns

#### 20 • SHOW COLUMNS FROM animals;

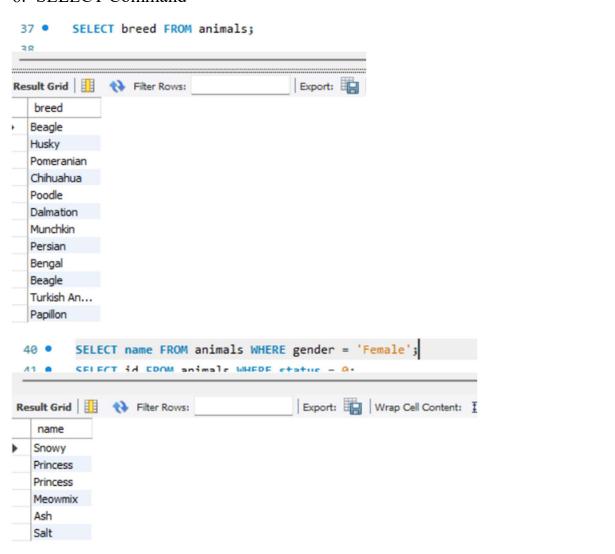


#### 5. Insert data into tables

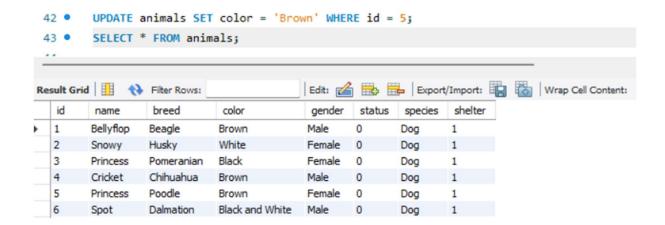


```
INSERT INTO adoptions (animal_id, name, contact, date)
 31 •
         VALUES (1, 'Pinocchio', 'realboy@cockroachlabs.com', NOW()),
 32
          (2, 'Patalie', 'poodlequeen@cockroachlabs.com', NOW()),
 33
          (3, 'Ella', 'ellacrew@cockroachlabs.com', NOW());
 34
 35
 36 •
         SELECT * FROM adoptions;
Result Grid
                                             Edit: 🚄 🖶 Export/Import: 📳 👸 Wrap Cell C:
              Filter Rows:
   animal id
            name
                      contact
                      realboy@cockroachlabs.com
                                                   2024-01-19 11:41:49
  1
            Pinocchio
  2
            Patalie
                      poodlequeen@cockroachlabs.com
                                                   2024-01-19 11:41:49
  3
            Ella
                      ellacrew@cockroachlabs.com
                                                   2024-01-19 11:41:49
            NULL
                      NULL
  NULL
                                                  NULL
```

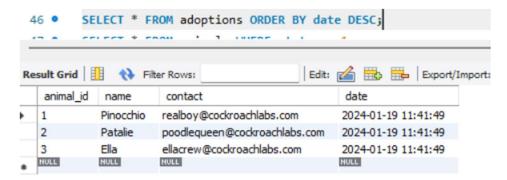
# 6. SELECT Command



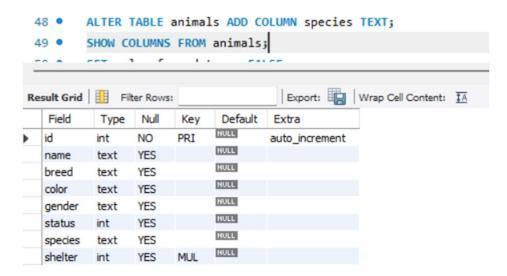
# 7. UPDATE Command

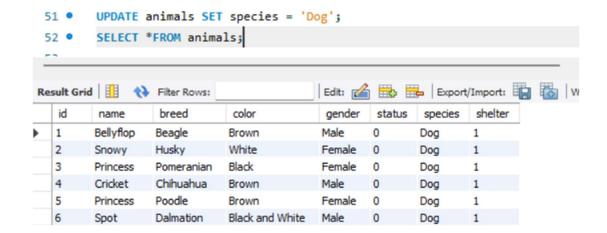


# 8. ORDER BY Command

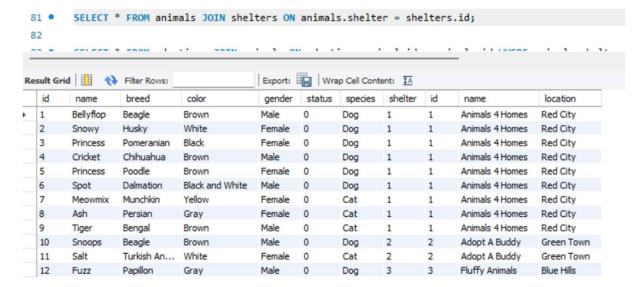


# 9. ALTER Command





### 10.JOIN Command



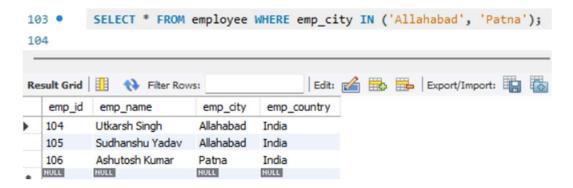
#### 11.CREATE Command

```
86 • CREATE TABLE employee (emp_id INT, emp_name VARCHAR(255),
                                          emp_city VARCHAR(255),
87
                                          emp_country VARCHAR(255),
88
89
                                          PRIMARY KEY (emp id));
90
       INSERT INTO employee VALUES
91 •
       (101, 'Utkarsh Tripathi', 'Varanasi', 'India'),
92
       (102, 'Abhinav Singh', 'Varanasi', 'India'),
93
       (103, 'Utkarsh Raghuvanshi', 'Varanasi', 'India'),
94
95
       (104, 'Utkarsh Singh', 'Allahabad', 'India'),
       (105, 'Sudhanshu Yadav', 'Allahabad', 'India'),
96
        (106, 'Ashutosh Kumar', 'Patna', 'India');
97
```

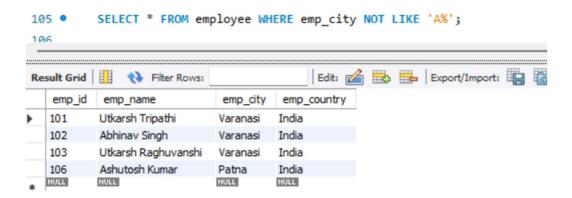
### 12. WHERE AND Command



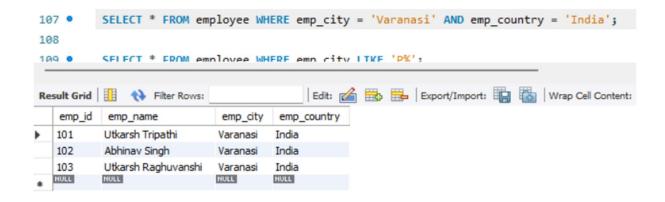
#### 13.IN Command

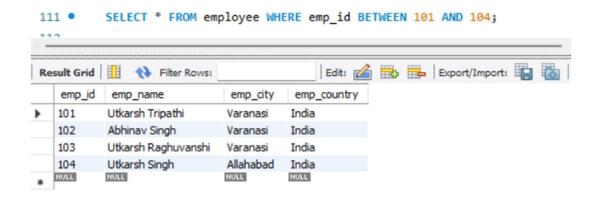


# 14.LIKE Command

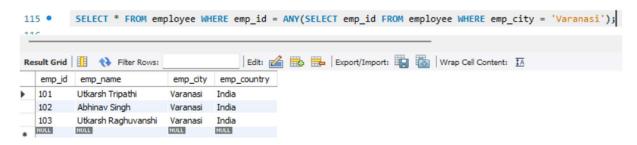


#### 15.AND Command

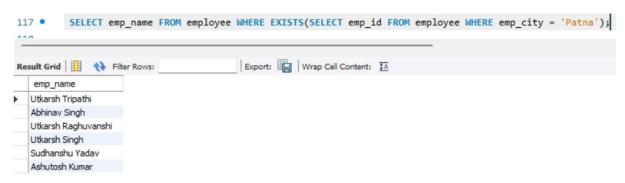




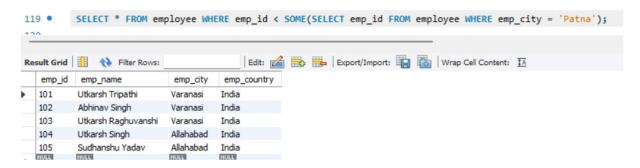
# 16.ANY Command



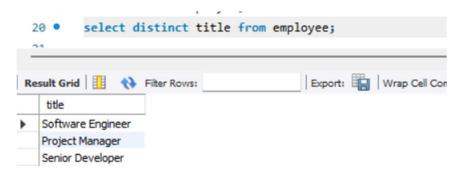
#### 17.EXISTS Command



#### 18. SOME Command

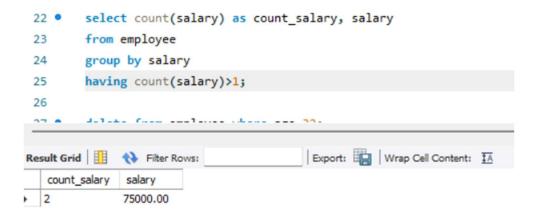


# 19.DISTINCT Command



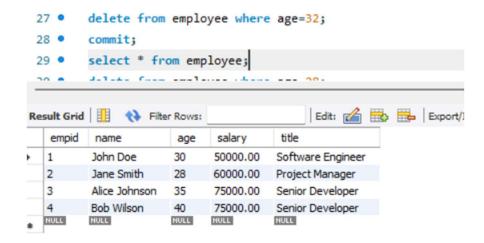
# 20.COUNT Command:

It counts the entity.



#### 21.DELETE and COMMIT Command:

The COMMIT command is the transactional command used to save changes invoked by a transaction. It saves all the transactions occurred on the database since the last COMMIT or ROLLBACK



### 22.ROLLBACK Command:

The ROLLBACK command is the transactional command used to undo transactions that have not already been saved to the database. This command can only undo transactions since the last COMMIT or ROLLBACK.



### 23. SAVEPOINT Command:

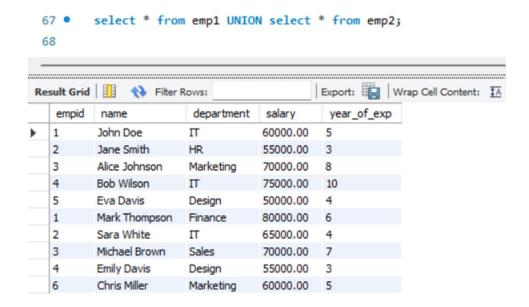
A SAVEPOINT is a logical rollback point in a transaction.

Usually, when you execute the ROLLBACK command, it undoes the changes until the last COMMIT. But, if you create save points you can partially roll the transaction back to these points. You can create multiple save points between two commits.



#### 24.UNION Command:

UNION will be used to combine the result of two select statements. Duplicate rows will be eliminated from the results obtained after performing the UNION operation.



# 25.UNION ALL Command

