Snowflake-Assignment

Name - Aryan Khokle

Cohort-INTAIA25DT003

Emp_id-2387739

1. Create Database, Schema, and Table

Create a database named in the format

Create a schema named in the format

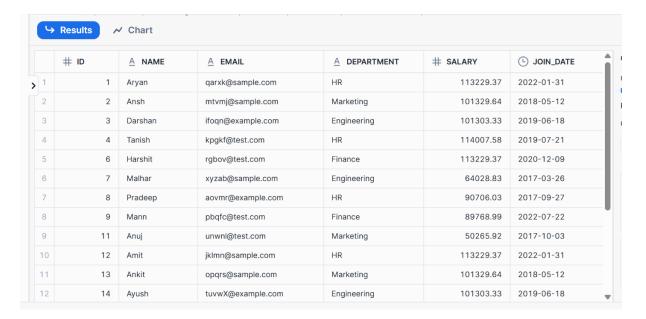
Create a table named

2. Insert 10 Records into the Table

Insert 10 employee records into the table.

The time travel feature should allow viewing past data before deletion.

```
MY_DB.PUBLIC V Settings V
  1
              create database if not exists my_db;
              use my_db;
           create table emp(
  5
                   id int primary key,
                          name string,
                         email string,
                         department string,
 9
                         salary float,
10
                          join_date date
11
12
              INSERT INTO emp (id, name, email, department, salary, join_date) VALUES
(1, 'Aryan', 'qarxk@sample.com', 'HR', 113229.37, '2022-01-31'),
(2, 'Ansh', 'mtvmj@sample.com', 'Marketing', 101329.64, '2018-05-12'),
13
14
15
           (2, 'Ansh', 'mtvmj@sample.com', 'Marketing', 101329.64, 'Z2010-05-12'),
(3, 'Darshan', 'ifoqn@example.com', 'Engineering', 101303.33, '2019-06-18'),
(4, 'Tanish', 'kpgkf@test.com', 'HR', 114007.58, '2019-07-21'),
(5, 'Pavan', 'uobda@test.com', 'Sales', 86825.39, '2020-01-30'),
(6, 'Harshit', 'rgbov@test.com', 'Finance', 113229.37, '2020-12-09'),
(7, 'Malhar', 'xyzab@sample.com', 'Engineering', 64028.83, '2017-03-26'),
(8, 'Pradeep', 'aovmr@example.com', 'HR', 90706.03, '2017-09-27'),
17
18
19
20
21
```



3. Update Data

➤ Increase the salary of employees in the IT department by \$5000.

```
update emp
set salary=5000+salary
where department='Sales';
```

	# ID :	A NAME	A EMAIL	A DEPARTMENT	# SALARY	L JOIN_DATE
1	1	Aryan	qarxk@sample.com	HR	113229.37	2022-01-31
2	2	Ansh	mtvmj@sample.com	Marketing	101329.64	2018-05-12
3	3	Darshan	ifoqn@example.com	Engineering	101303.33	2019-06-18
4	4	Tanish	kpgkf@test.com	HR	114007.58	2019-07-21
5	6	Harshit	rgbov@test.com	Finance	113229.37	2020-12-09
6	7	Malhar	xyzab@sample.com	Engineering	64028.83	2017-03-26
7	8	Pradeen	aovmr⊚example com	HR	90706.03	2017-09-27

4. Delete a Record

Remove the employee with id 12 from the table.

```
delete from emp
where id=12|;
select * from emp;
```

5	6	Harshit	rgbov@test.com	Finance	113229.37	2020-12-09	
6	7	Malhar	xyzab@sample.com	Engineering	64028.83	2017-03-26	
7	8	Pradeep	aovmr@example.com	HR	90706.03	2017-09-27	
8	9	Mann	pbqfc@test.com	Finance	89768.99	2022-07-22	
9	11	Anuj	unwnl@test.com	Marketing	50265.92	2017-10-03	
0	13	Ankit	opqrs@sample.com	Marketing	101329.64	2018-05-12	
1	14	Ayush	tuvwX@example.com	Engineering	101303.33	2019-06-18	4

5. Perform Time Travel

```
--time travel
select * from emp at (offset=>-5*60);
select current_timestamp()|
```

View the table data from 5 minutes ago to check previous state.

7	Malhar	xyzab@sample.com	Engineering	64028.83	2017-03-26	
8	Pradeep	aovmr@example.com	HR	90706.03	2017-09-27	П
9	Mann	pbqfc@test.com	Finance	89768.99	2022-07-22	
11	Anuj	unwnl@test.com	Marketing	50265.92	2017-10-03	
12	Amit	jklmn@sample.com	HR	113229.37	2022-01-31	
13	Ankit	opqrs@sample.com	Marketing	101329.64	2018-05-12	
14	Ayush	tuvwX@example.com	Engineering	101303.33	2019-06-18	

6. Drop the Table, undrop the table

```
drop table emp;
undrop table emp;
select * from emp at (offset=>-5*60);
```



8. Clone the Table

