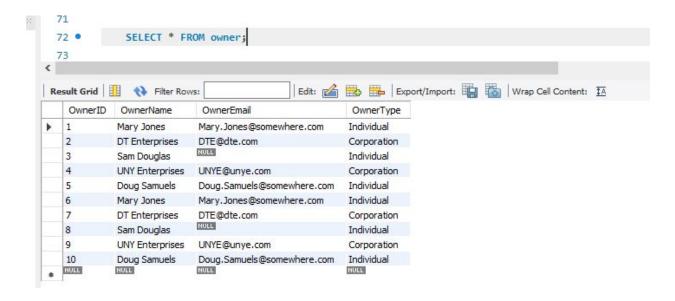
## **SQL PROJECT**

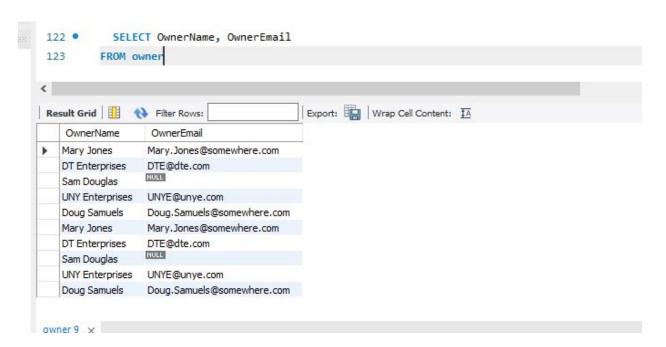
DATABASE: Data\_Analytics\_BatchB

TABLES: Owner, Property, GG\_Employee, Service

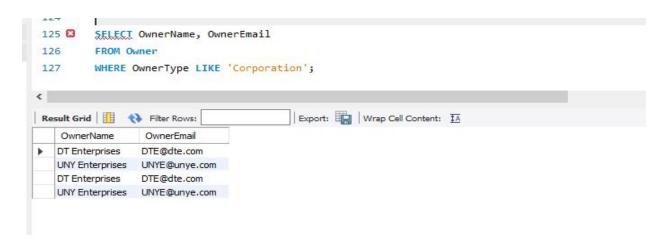
1. Show all owner information



2. Show all OwnerName and OwnerEmail



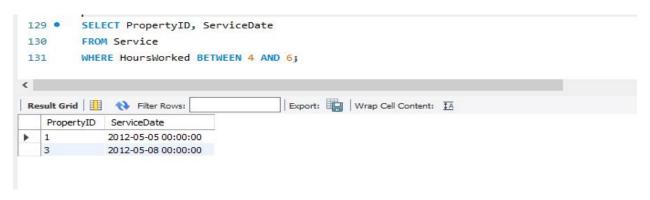
3. Show all OwnerName and OwnerEmail which OwnerType is 'Corporation'.



4. Show PropertyID and ServiceDate for all services have HoursWorked more than 4.



5. Show PropertyID and ServiceDate for all services have HoursWorked between 4 and 6



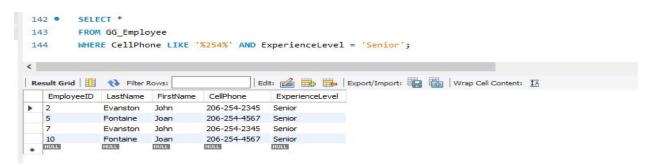
6. Count how many services have HoursWorked more than 4



7. Count how many distinct ExperienceLevel in EMPLOYEE table.



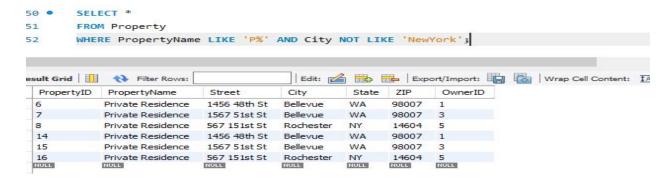
8. Show all employees with CellPhone containing '254' and the ExperienceLevel is Senior.



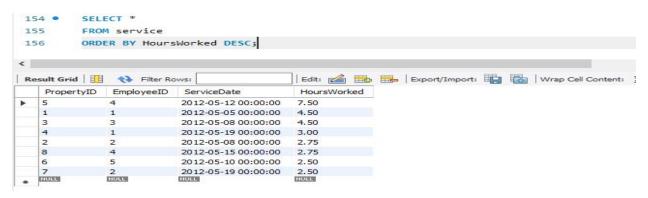
9. Show all properties not in city 'Seattle' or 'Bellevue'.



10. Show all properties with PropertyName begins with 'P', but the location is not in NY State.



11. Show all the services in descending order of their HoursWorked



12. Show all the services which HoursWorked is greater than 3 in ascending order of their ServiceDate.



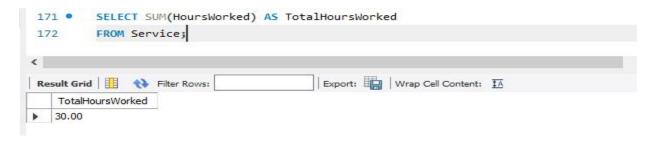
13. Show all owners with Email as NULL



14. Count how many Owners whose Email is not NUL



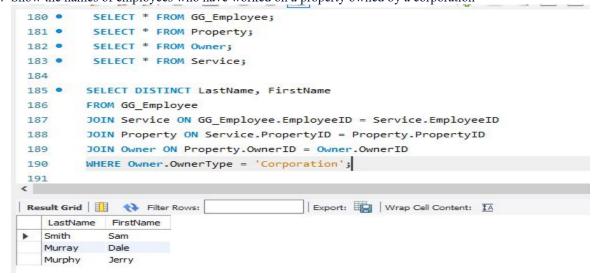
15. Show the sum of Hours Worked in SERVICE.



16. Show Only show the employee with sum of Hours Worked more than 7



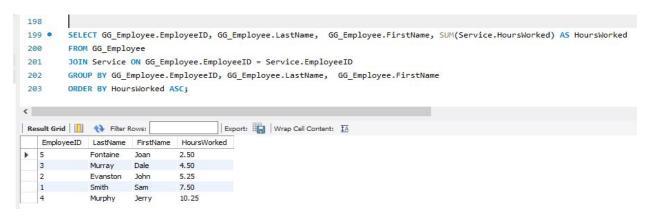
17. Show the names of employees who have worked on a property owned by a corporation



18. Show the names of employees who have worked on a property in New York

```
SELECT DISTINCT LastName, FirstName
192 •
193
        FROM GG Employee
        JOIN Service ON GG_Employee.EmployeeID = Service.EmployeeID
194
        JOIN Property ON Service.PropertyID = Property.PropertyID
195
        WHERE Property.State LIKE 'NY';
196
197
Export: Wrap Cell Content: IA
   LastName
            FirstName
  Murphy
            Jerry
```

19. Sort the employees' information in ascending order by the total hours of their service.



20. Show names and Email of owners who have the property named 'Private Residence'



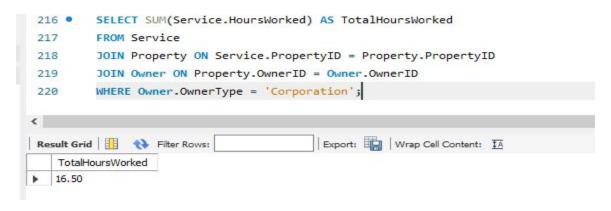
21. Show the number of services on properties with owner's type as 'Corporation'.

```
210 • SELECT COUNT(*) AS NumberOfServices
211 FROM Service
212 JOIN Property ON Service.PropertyID = Property.PropertyID
213 JOIN Owner ON Property.OwnerID = Owner.OwnerID
214 WHERE Owner.OwnerType = 'Corporation';

C Result Grid  Filter Rows: Export: Wrap Cell Content: IA

NumberOfServices
3
```

22. Show the total hours of service on properties with owner type as 'Corporation'.



23. Show the names of the employee who has worked most hours

