1. Retreive the average salary of employee along with employee id, name, and gender based on the gender of the employee who is a supervisor.

select eid,f\_name,gender,avg(salary) over (partition by gender) from

Fall22\_S003\_2\_Employee where eid IN (select supID from

Fall22\_S003\_2\_Employee);

EID F\_NAME G

---------- ------------------------------------------------------------ -

AVG(SALARY)OVER(PARTITIONBYGENDER)

----------------------------------

1112441 Ayana f

3688.5

1244972 Jamiya f

3688.5

1562569 Lucas m

3661.25

EID F\_NAME G

---------- ------------------------------------------------------------ -

AVG(SALARY)OVER(PARTITIONBYGENDER)

----------------------------------

1048060 Payton m

3661.25

1697693 Jackson m

3661.25

1407142 Everett m

3661.25

6 rows selected.

2. Retreive the customer name, id and email who have opted for ‘dine in’ order type with a feedback rating of 7 and above

select cid,f\_name,email from Fall22\_S003\_2\_Customer where cid in(

select cid from Fall22\_S003\_2\_Order where type='dine\_in' and cid

in ( select o.cid from Fall22\_S003\_2\_Order o join

Fall22\_S003\_2\_Feedback f on o.cid=f.cid where f.rating>=7));

CID F\_NAME

---------- ------------------------------------------------------------

EMAIL

--------------------------------------------------

417 Keon

scott\_keon@yahoo.com

618 Meadow

meadow\_chavez@gmail.com

181 Charlee

charlee\_goodman@gmail.com

CID F\_NAME

---------- ------------------------------------------------------------

EMAIL

--------------------------------------------------

537 Perla

lambertperla@gmail.com

936 Rey

reymejia@gmail.com

844 Bernard

brandt\_bernard@hotmail.com

CID F\_NAME

---------- ------------------------------------------------------------

EMAIL

--------------------------------------------------

301 Tony

tonymcm@hotmail.com

555 Dalton

adamsdalt@yahoo.com

938 Martha

martha\_fitz@gmail.com

CID F\_NAME

---------- ------------------------------------------------------------

EMAIL

--------------------------------------------------

739 Aidyn

torres\_aidyn@gmail.com

10 rows selected.

3. Retrieve id, name, and salary of employees who are from ‘Grand Prairie’ and have worked for more than 2 hours with total salary greater than 2000$.

select eid,f\_name,salary from Fall22\_S003\_2\_Employee where eid in (

select eid from Fall22\_S003\_2\_Employee\_ADD\_Zipcode where

city = 'Grand Prairie' and eid in (select eid from

Fall22\_S003\_2\_Daily\_Schedule where (end\_time-start\_time)/100 < 2 group

by eid having Fall22\_S003\_2\_Employee.salary >2000));

EID F\_NAME

---------- ------------------------------------------------------------

SALARY

----------

1697693 Jackson

3875

4. Retrieve the supplier id, and the total number of items that it supplies to the inventory of the restaurant using ROLLUP

select s.sid,count(s.item\_id) from Fall22\_S003\_2\_Supplies s inner join Fall22\_S003\_2\_Inventory i on i.item\_id=s.item\_id group by rollup(s.sid);

SID COUNT(S.ITEM\_ID)

---------- ----------------

1053 4

1161 53

1246 3

1269 2

1383 3

1404 3

1492 5

73

8 rows selected.

5. Retrieve the item id and the number of orders in which that item has been used using CUBE

select o.item\_id\_used,count(o.id) from Fall22\_S003\_2\_Order o inner join Fall22\_S003\_2\_Supplies s on o.item\_id\_used=s.item\_id group by cube(o.item\_id\_used);

ITEM\_ID\_USED COUNT(O.ID)

-------------------- -----------

50

129 1

132 3

150 1

176 3

198 1

230 1

237 4

283 1

301 1

319 1

ITEM\_ID\_USED COUNT(O.ID)

-------------------- -----------

325 1

378 2

419 1

461 1

462 1

482 1

580 1

596 2

615 1

676 2

708 1

ITEM\_ID\_USED COUNT(O.ID)

-------------------- -----------

718 1

741 1

750 3

758 1

770 1

794 1

816 1

823 1

883 1

896 1

899 2

ITEM\_ID\_USED COUNT(O.ID)

-------------------- -----------

908 2

914 1

987 2

36 rows selected.

6. Retrieve the full name of the employee anlong with the count of emails that employee has

select concat(concat(concat(concat(f\_name,' '),m\_name),' '),l\_name) as FullName,(select count(e.email) from Fall22\_S003\_2\_Employee\_Email e where

e.eid=emp.eid) as EmailCount from Fall22\_S003\_2\_Employee emp;

FULLNAME

--------------------------------------------------------------------------------

EMAILCOUNT

----------

Jackson Skinner

1

Evan Riggs

1

Ayana Ayala

1

FULLNAME

--------------------------------------------------------------------------------

EMAILCOUNT

----------

Cornelius Stanley

1

Payton Andi Martin

1

Jamiya Peck

1

FULLNAME

--------------------------------------------------------------------------------

EMAILCOUNT

----------

Sam Zeek Murillo

1

Cynthia Edwards

1

Landyn Hogan

1

FULLNAME

--------------------------------------------------------------------------------

EMAILCOUNT

----------

Tobias Lynn Carson

1

Lucas Elora Robbins

1

Everett Eddy Grimes

1

FULLNAME

--------------------------------------------------------------------------------

EMAILCOUNT

----------

Renee James Harding

2

Coleman James Morrison

2

Terrell Drake chambers

1

FULLNAME

--------------------------------------------------------------------------------

EMAILCOUNT

----------

Dakota Ellis Hubbard

1

Veronica Li

1

Zane fred Allen

1

FULLNAME

--------------------------------------------------------------------------------

EMAILCOUNT

----------

Jeremiah Jack Bridges

1

Alexa Hampton

1

Braydon ASlyn Miles

1

FULLNAME

--------------------------------------------------------------------------------

EMAILCOUNT

----------

Genesis Daniel Finley

1

Davion Alia Lane

1

Karli Ramez Werner

1

FULLNAME

--------------------------------------------------------------------------------

EMAILCOUNT

----------

Aron Turner

1

Shyann Zelda Bowman

1

Addison Barker

1

FULLNAME

--------------------------------------------------------------------------------

EMAILCOUNT

----------

Makenzie Lennox Sawyer

1

Jorge Lindsey

1

Kristen Thomas Farmer

1

FULLNAME

--------------------------------------------------------------------------------

EMAILCOUNT

----------

Ayden Dalary Maldonado

1

Jack Mclean

1

Shiloh Dino Schmitt

2

FULLNAME

--------------------------------------------------------------------------------

EMAILCOUNT

----------

Madalynn Chase Cortez

1

Gage Goose Gilmore

2

Larry Bria Schaefer

1

FULLNAME

--------------------------------------------------------------------------------

EMAILCOUNT

----------

Crystal Troy Rosales

2

Estrella Avila

1

Kenneth Kaya Li

1

FULLNAME

--------------------------------------------------------------------------------

EMAILCOUNT

----------

Lila Friedman

1

Camilla Richard

1

Maurice Noor Moses

1

FULLNAME

--------------------------------------------------------------------------------

EMAILCOUNT

----------

Lilly Schneider

1

Abby Al Rios

1

Ingrid Troy David

2

FULLNAME

--------------------------------------------------------------------------------

EMAILCOUNT

----------

Kayleigh Tay Winter

1

Marley Booker

1

Lexi Shaun Morgan

1

FULLNAME

--------------------------------------------------------------------------------

EMAILCOUNT

----------

Albert Frankie

2

Rhea Shawn

2

50 rows selected.

7. Fetch first 5 customer ids and the number of times he/she gave the rating from feedback ordered by the rating count

select cid,count(rating) as Count\_of\_Ratings from Fall22\_S003\_2\_Feedback group by cid order by Count\_of\_Ratings desc fetch first 5 rows only;

CID COUNT\_OF\_RATINGS

---------- ----------------

237 3

905 2

531 1

903 1

851 1

8. Retrieve the employee id and salary who has more than one street address that has north in it

select eid,salary from Fall22\_S003\_2\_Employee where eid in (select eid from Fall22\_S003\_2\_Employee\_Address where street LIKE '%north%' group by eid

having count(\*)>=1);

EID SALARY

---------- ----------

1150684 1790

1112441 3600

1515560 1880

1624192 1870

1048060 3490

1562569 3590

1697693 3875

7 rows selected.

9. Retrieve customer id and email who has ordered more than once

CID

----------

EMAIL

--------------------------------------------------

806

marlie\_cohen@yahoo.com

905

tuckercall@hotmail.com

936

reymejia@gmail.com

CID

----------

EMAIL

--------------------------------------------------

618

meadow\_chavez@gmail.com

555

adamsdalt@yahoo.com

537

lambertperla@gmail.com

6 rows selected.