**Fasoos Portfolio Project**

\*We have six tables naming-

*1.customer\_orders*

*2.driver*

*3.driver\_order*

*4.ingredients*

*5.rolls*

*6.rolls\_recipes*

\*Portfolio analysis using SQL-

**Q1-How many rolls were ordered?**

**select** **count**(order\_date) **as** *Total\_rolls* **from** customer\_orders

or

**select** **count**(roll\_id) **as** *Total\_rolls* **from** customer\_orders

**Q2-How many unique customer orders were made?**

**select** **count**(**distinct** order\_id) **as** *Total\_orders* **from** customer\_orders

**Q3- How many successful orders were delivered by each driver?**

**SELECT** driver\_id, **COUNT**(order\_id) **as** *order\_count*

**FROM** driver\_order

**WHERE** pickup\_time **is** **not** **null**

**GROUP** **BY** driver\_id

**Q4-How many each type of rolls are ordered?**

**select** roll\_id,**count**(roll\_id) **from** customer\_orders

**group** **by** roll\_id

**Q5- How many each type of rolls are delivered?**

**select** customer\_orders.roll\_id ,**count**(customer\_orders.roll\_id) **from** customer\_orders

**join** driver\_order **on** customer\_orders.order\_id=driver\_order.order\_id

**where** driver\_order.pickup\_time **is** **not** **null**

**group** **by** customer\_orders.roll\_id

**Q6-How many veg and non-veg rolls are ordered by each customer?**

**select** customer\_orders.customer\_id,rolls.roll\_name **from** customer\_orders

**join** rolls **on** customer\_orders.roll\_id = rolls.roll\_id

**group** **by** customer\_orders.customer\_id,rolls.roll\_name

**Q7-What was the maximum number of rolls delivered in a single order?**

**select** customer\_id,**count**(roll\_id) **as** *c*,order\_id **from** customer\_orders

**group** **by** customer\_id ,order\_date,order\_id

**order** **by** *c* **desc**

**limit** 1

**Q8-For each customer,how many delivered rolls had at least 1 change and how many had on changes?**

**select** customer\_orders.customer\_id **from** customer\_orders

**join** driver\_order **on** customer\_orders.order\_id=driver\_order.order\_id

**where** driver\_order.pickup\_time **is** **not** **null** **and** customer\_orders.not\_include\_items **is** **not** **null** **and** customer\_orders.extra\_items\_included **is** **not** **null**

**group** **by** customer\_orders.customer\_id

Q9- What was the total number of rolls ordered for each hour of the day?

**select** **extract**(**hour** **from** order\_date ) **as** WhichHour,**count**(roll\_id) **as** rolls **from** customer\_orders

**group** **by** WhichHour

**order** **by** WhichHour **asc**

Q10- What was the number of orders for each day of the week?

**select** **to\_char**(order\_date,**'Day'**)**as** *Day\_of\_week* , **count**(order\_id) **as** *total\_orders* **from** customer\_orders

**group** **by** *Day\_of\_week*

**Q11- What was the time in minutes it took for each driver to arrive at the fassos Outlet to pickup the order?**

**select** customer\_orders.order\_id,**to\_char**( **age**(driver\_order.pickup\_time,customer\_orders.order\_date),**'HH24:MI:SS'**) **as** *delay* **from** customer\_orders **join** driver\_order **on**

customer\_orders.order\_id =driver\_order.order\_id

**where** driver\_order.pickup\_time **is** **not** **Null**

**group** **by** customer\_orders.order\_id, *delay*

**order** **by** customer\_orders.order\_id **asc**