```sql
-- Find number of orders in seasons to find Peak Season
SELECT
    CASE -- to extract the season from the OrderDate
        WHEN EXTRACT(MONTH FROM "OrderDate") IN (12, 1, 2) THEN 'Winter'
        WHEN EXTRACT(MONTH FROM "OrderDate") IN (3, 4, 5) THEN 'Spring'
        WHEN EXTRACT(MONTH FROM "OrderDate") IN (6, 7, 8) THEN 'Summer'
        ELSE 'Fall'
    END AS "Season",
    COUNT("OrderID") AS "TotalOrders"
FROM
    "dwh"."Dim_Order"
GROUP BY
    "Season"
ORDER BY
    "TotalOrders" DESC;
```

Season	TotalOrders
Summer	30573
Spring	29809
Winter	22251
Fall	16808

Season	TotalOrders
Summer	30573
Spring	29809
Winter	22251
Fall	16808

```sql
-- Find peak month by count of orders
SELECT
    EXTRACT(MONTH FROM "OrderDate") AS "MonthNumber",
    TO_CHAR("OrderDate", 'Month') AS "MonthName",
    COUNT("OrderID") AS "TotalOrders"
FROM
    "dwh"."Dim_Order"
GROUP BY
    "MonthNumber", "MonthName"
ORDER BY
    "TotalOrders" DESC;
```

MonthNumber	MonthName	TotalOrders
8	August	10843
5	May	10573
7	July	10318
3	March	9893
6	June	9412
4	April	9343

2	February	8508
1	January	8069
11	November	7544
12	December	5674
10	October	4959
9	September	4305

```sql
-- Find which payment type is most preferred based on number of payments using that
type
SELECT
    "PaymentType",
    COUNT(*) AS "NumberOfPayments",
    -- Calculate the percentage of total payments and round to 2 decimal places
    ROUND(
        (COUNT(*) * 100.0 / (SELECT COUNT(*) FROM "dwh"."Fact_Payment")),
        2
    ) AS "PercentageOfTotal"
FROM
    "dwh"."Fact_Payment"
GROUP BY
    "PaymentType"
ORDER BY
    "NumberOfPayments" DESC;
```

PaymentType	NumberOfPayments	PercentageOfTotal
credit card	76795	73.92
blipay	19784	19.04
voucher	5775	5.56
debit card	1529	1.47
not defined	3	0.00
payment type	1	0.00