

PSQL Queries

Weekly Sales History

```
SELECT date_trunc('week', timestamp) as week, COUNT(*)  
as total_week FROM orders GROUP BY week ORDER BY  
week;
```

Realistic Sales History

```
SELECT date_trunc('hour', timestamp) as hour, COUNT(*) as total_hour FROM  
orders GROUP BY hour ORDER BY hour;
```

Peak Sales Day

```
SELECT date_trunc('hour', timestamp) as day, COUNT(*) as total_day FROM  
orders GROUP BY day ORDER BY total_day DESC LIMIT 10;
```

Average Sales Per Day over Day

```
SELECT AVG(daily_totals) as avg_orders  
FROM (SELECT DATE_TRUNC('day', timestamp) as order_date, COUNT(*) as  
daily_orders FROM orders GROUP BY order_date) AS daily_totals;
```

Average Sales Per Day over Week

```
SELECT AVG(weekly_orders) as avg_orders FROM ( SELECT DATE_TRUNC('week',  
timestamp) as week, COUNT(*) as weekly_orders FROM orders GROUP BY week )  
AS weekly_totals;
```

Average Sales Per Day over Month

```
SELECT AVG(monthly_orders) as avg_orders FROM ( SELECT  
DATE_TRUNC('month', timestamp) as month, COUNT(*) as monthly_orders FROM  
orders GROUP BY month ) AS monthly_totals;
```

Ingredients sorted by most

```
SELECT * FROM ingredients ORDER BY quantity DESC;
```

Ingredients sorted by least

```
SELECT * FROM ingredients ORDER BY stock ASC;
```

Most Popular Type

```
SELECT type, COUNT(*) as total FROM orders GROUP BY type ORDER BY total
```

DESC;

Ingredients sorted by price (descending)

```
SELECT * FROM ingredients ORDER BY price DESC;
```

Top 3 Orders of all time

```
SELECT menuitemkey, COUNT(*) as total FROM menuitemsorders GROUP BY  
menuitemkey ORDER BY total DESC LIMIT 3;
```

Bottom 3 orders of all time

```
SELECT menuitemkey, COUNT(*) as total FROM menuitemsorders GROUP BY  
menuitemkey ORDER BY total ASC LIMIT 3;
```