Pizza Sales Analysis – SQL Queries (End-to-End)

This document contains SQL queries used in the Pizza Sales Analysis project for data cleaning, exploratory analysis, and business insights.

View All Sales Data

```
SELECT * FROM pizza_sales;
```

Total Revenue

```
SELECT SUM(total_price) AS total_revenue FROM pizza_sales;
```

Total Orders

```
SELECT COUNT(DISTINCT order_id) AS total_orders FROM pizza_sales;
```

Total Quantity Sold

```
SELECT SUM(quantity) AS total_quantity FROM pizza_sales;
```

Average Order Value

```
SELECT SUM(total_price) / COUNT(DISTINCT order_id) AS avg_order_value FROM pizza_sales;
```

Revenue by Pizza Category

```
SELECT pizza_category, SUM(total_price) AS revenue FROM pizza_sales GROUP BY pizza_category ORDER BY revenue DESC;
```

Revenue by Pizza Size

```
SELECT pizza_size, SUM(total_price) AS revenue FROM pizza_sales GROUP BY pizza_size ORDER BY revenue DESC;
```

Top 10 Selling Pizzas

```
SELECT pizza_name, SUM(quantity) AS total_sold FROM pizza_sales GROUP BY pizza_name ORDER BY total_sold DESC LIMIT 10;
```

Daily Sales Trend

SELECT order_date, SUM(total_price) AS daily_revenue FROM pizza_sales GROUP BY order_date ORDER BY order_date;

Hourly Sales Analysis

SELECT EXTRACT(HOUR FROM order_time) AS order_hour, SUM(total_price) AS revenue FROM pizza_sales GROUP BY order_hour ORDER BY order_hour;

Duplicate Order Detection

SELECT order_id, COUNT(*) AS duplicate_count FROM pizza_sales GROUP BY order_id HAVING COUNT(*) > 1;