



Portfolio

Ika Wahyuni

Data Analyst | Food Technology Background |
Quality, Operations & Supply Chain Analytics





I am a Data Analyst with a background in Food Technology, focused on applying data-driven insights to improve quality, operations, and decision-making in **Food Retail, FMCG, and Manufacturing industries**. I have hands-on experience using SQL, Python, Excel, and Tableau for data analysis and visualization.

I also hold certifications in Food Safety Management Systems, including PRP, GMP, SSOP, HACCP, ISO 22000, ISO 9001, ISO 45001, and FSSC 22000 v6.0, enabling me to work effectively with data in highly regulated environments.

My interests include quality, operations, supply chain, and compliance analytics. I am a detail-oriented professional who values continuous learning and impactful, data-driven improvement. I am particularly interested in data-focused roles such as:

- **Data Analyst (Operations / Quality / Process Improvement / Retail)**
- **Supply Chain / Manufacturing Analyst**
- **Quality Data Analyst**

Throughout my journey, I believe that hard work and a commitment to continuous learning drive meaningful impact and lasting innovation.

Educations

(2025) Pacmann Academy (Non degree)

Basic Python Programming, Python for Software Engineering, Data Wrangling with Pandas, Fundamental SQL, Data Visualization with Tableau, Business Analytics in Multiple Departments

(2025) Coursera (IBM) (Non degree)

- The ASEAN Online Education Platform for Industry 4.0, developed by ASU (Arizona State University) and sponsored by the U.S. The courses that I learn:
- IBM Data Analyst , IBM Data Science , Tableau Business Intelligence Analyst, Supply Chain Data Analyst

(2022) Master's degree in Biotechnology University of Jember, Indonesia

- Best graduate student with Rector's and Director of Postgraduate's List
- Alumnus Unggulan Scholarship, Master Degree Program (2020–2022) from the Ministry of Education and Culture, Indonesia

(2018) Bachelor's degree in Agricultural Technology, University Jember, Indonesia

- Alumnus Bidik Misi Scholarship, Indonesia from the Ministry of Research, Technology and Higher Education



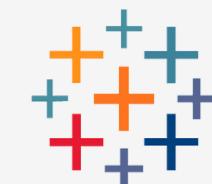
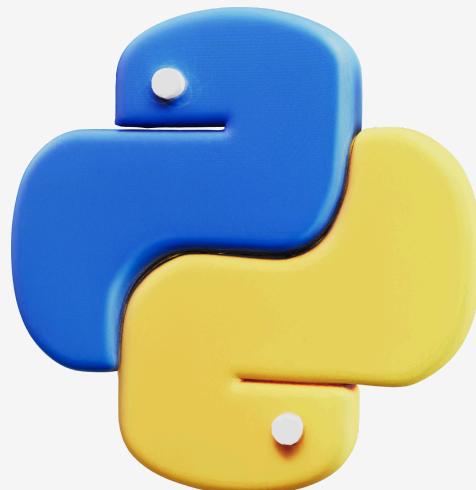
Work Experiences



Soft Skills & Technical Skills Overview: Programming and Databases

Core Programming Languages and Tools

- **Python for data analysis and scripting**
- **SQL for database management and querying**
- **Excel for data manipulation and reporting**
- **Tableau for data visualization**



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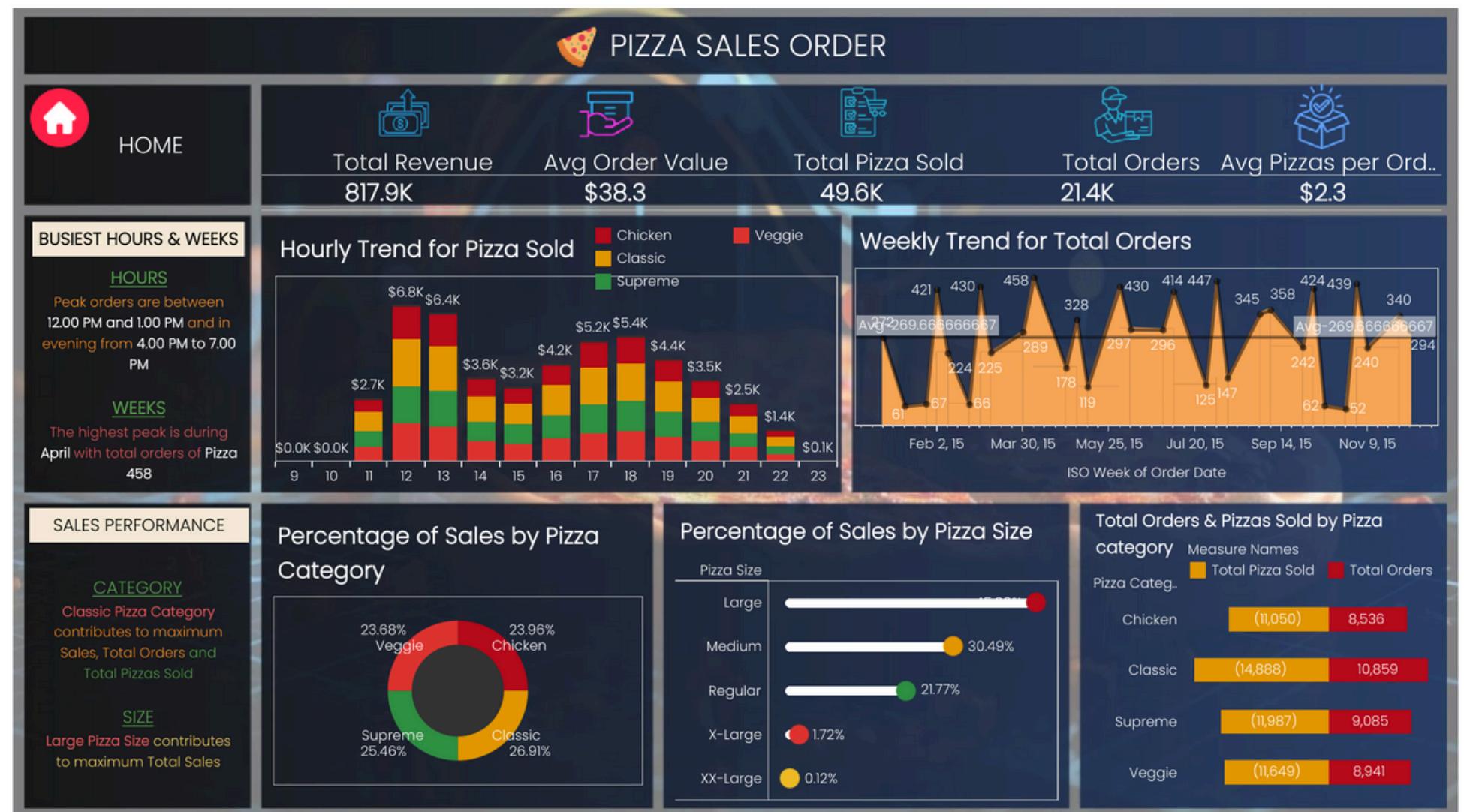


Soft Skills

Strong communication and teamwork abilities, essential for collaborating effectively within diverse professional environments.

PROJECT 1

Pizza Sales Performance Analysis using PostgreSQL for Data Extraction and Tableau for Visualization



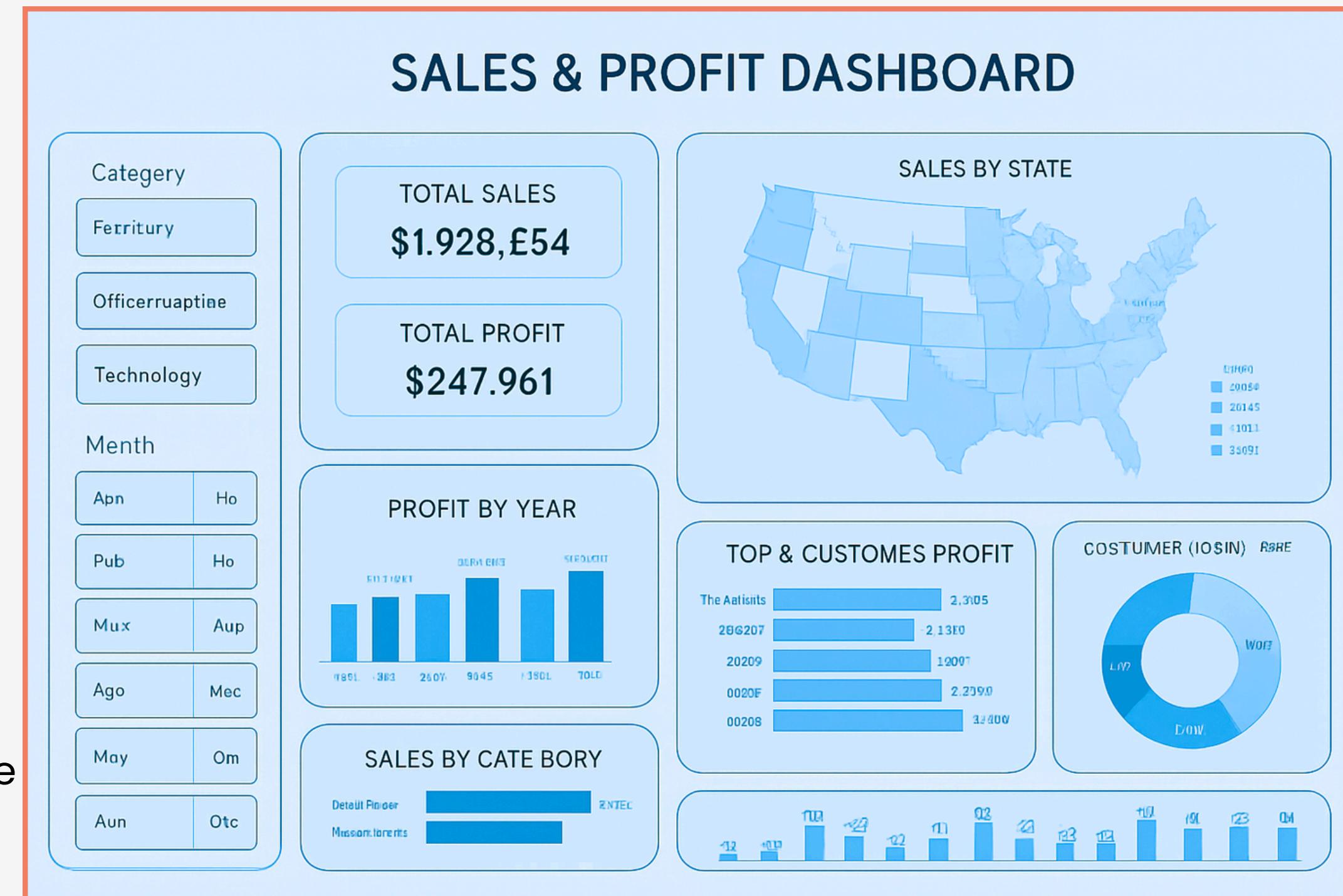
- Domain: Sales and Profit Data.
- Technology: Tableau (for Pizza Sales) and Excel (for Sales & Profit Dashboard).
- Objective: To create interactive dashboards visualizing key business metrics, including total revenue, average order value, total units sold, performance by category (e.g., pizza size), monthly/weekly trends, and identifying top customers.

PROJECT 2

Sales & Profit Performance Dashboard Using Excel Pivot Analytics



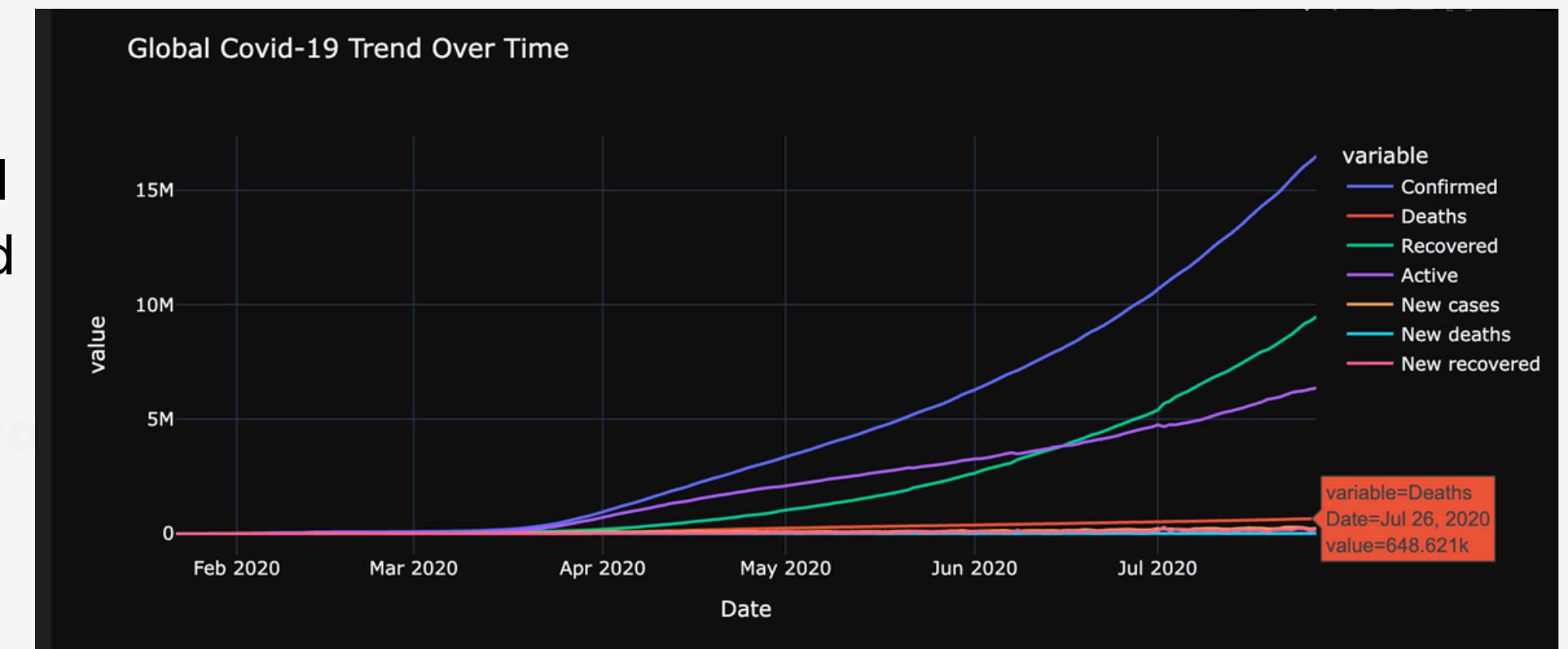
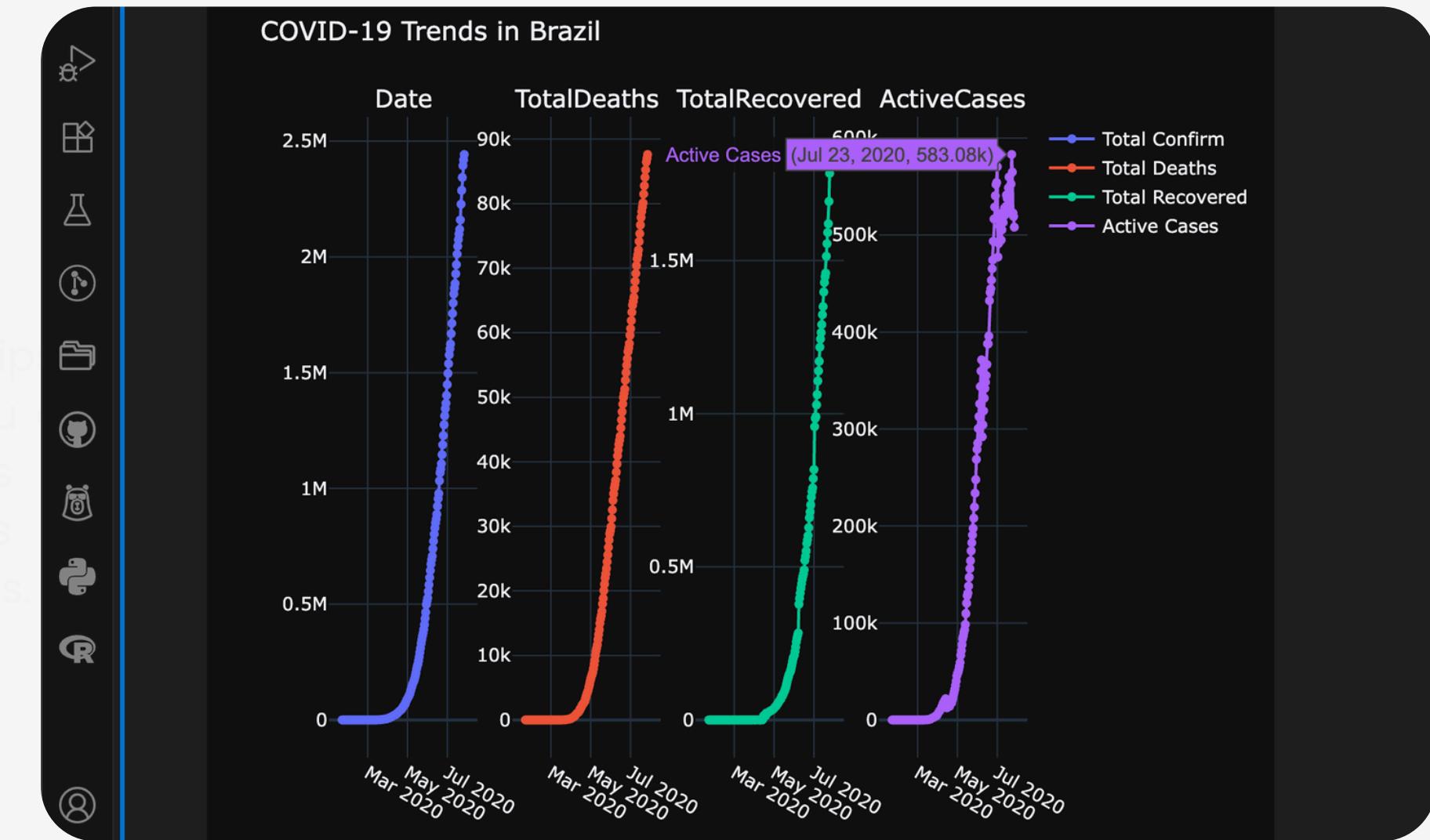
- Domain: Business Intelligence (BI) / Retail & Sales Analytics
- Technology: Microsoft Excel (Pivot Tables, Pivot Charts, Dashboards)
- Objective: To develop a comprehensive, interactive Sales and Profitability dashboard within Excel, providing management with visual insights into temporal trends, regional sales distribution, top-performing product categories, and key profit-contributing customers to facilitate strategic decision-making and optimize growth efforts.



PROJECT 3

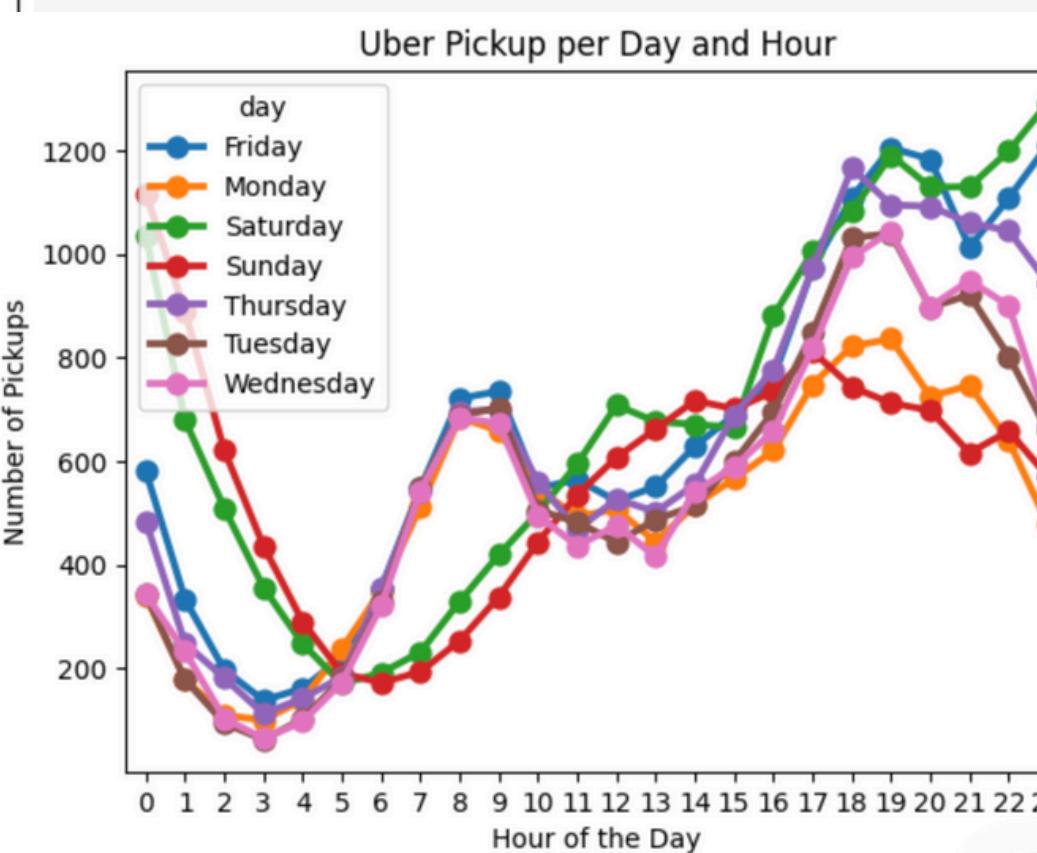
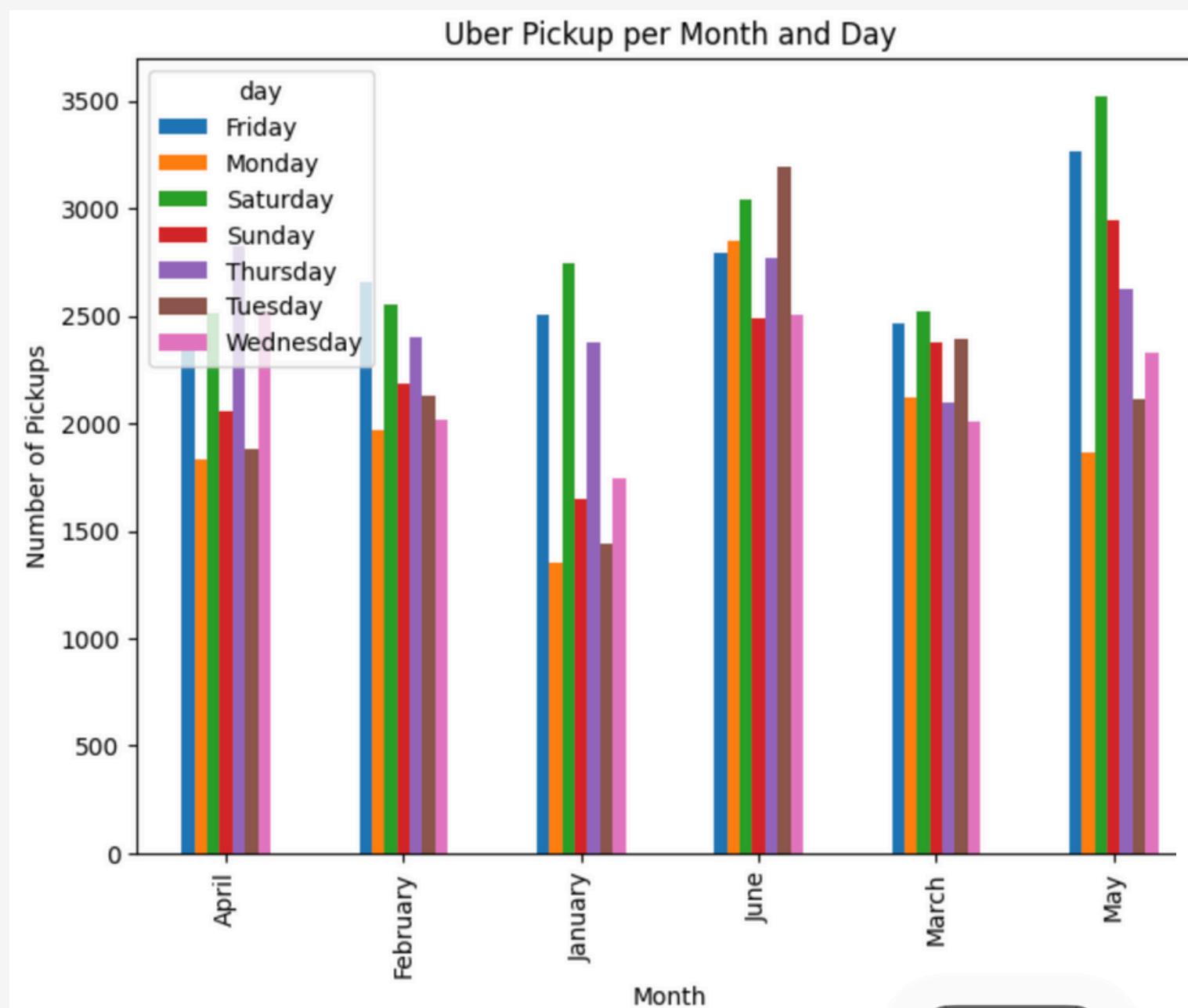
Interactive COVID-19 Data Visualization using Python & Plotly Express

- Domain: Global COVID-19 case data.
- Technology: Python (Plotly Express).
- Objective: To visualize the severity and spread of the pandemic, focusing on comparative metrics (max cases, deaths, recovered), global trends over time, population-to-test ratios, and ranking the most severely affected countries.



PROJECT 4

Uber Pickup Trend Analysis in New York Through Python Data Visualization

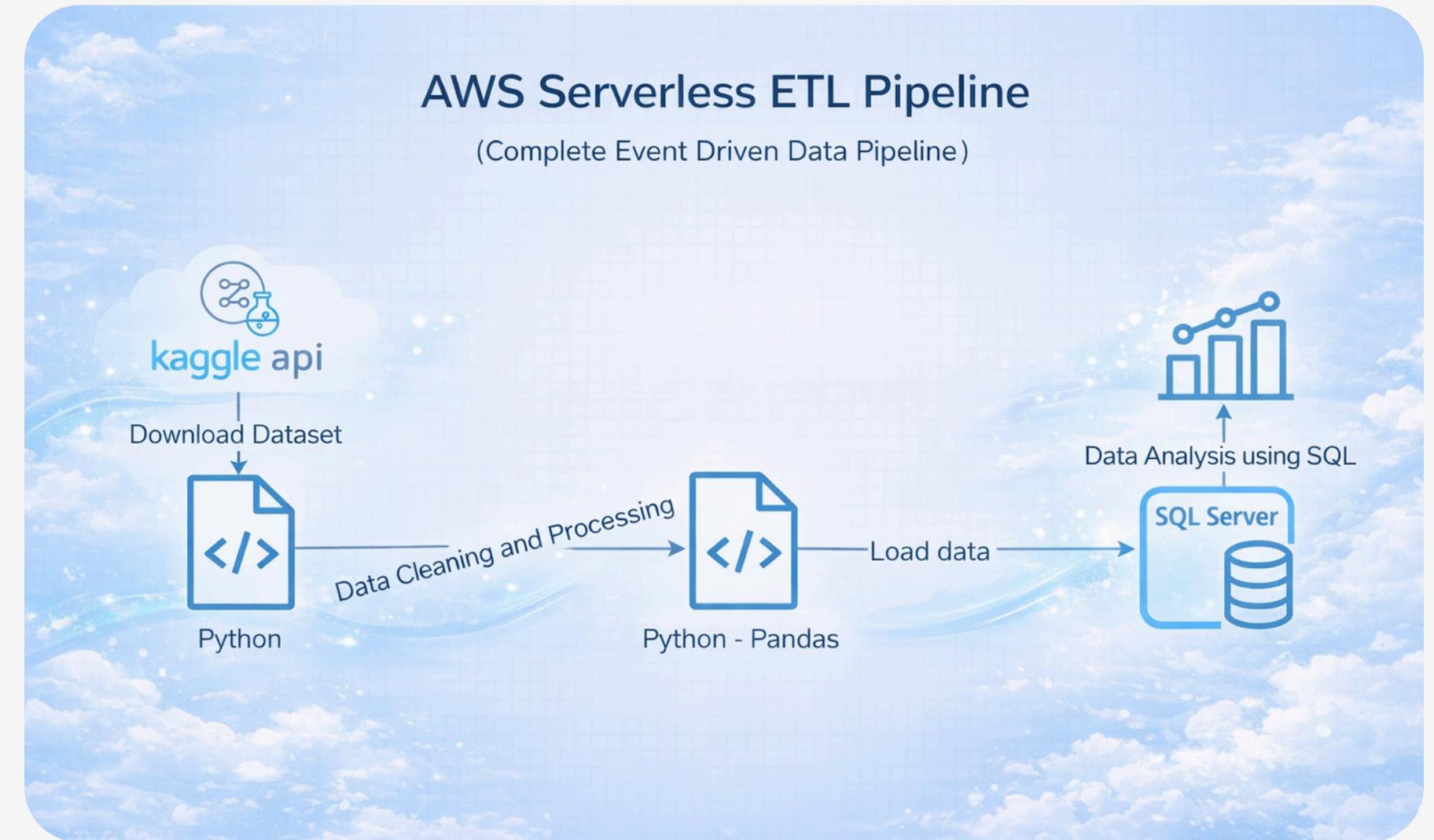


- Domain : Geospatial and Time-Series Analysis
- Technology : Python
- Objective: To explore Uber data to determine peak demand periods (hour/month) and the most active Uber bases in New York City, providing insights into operational efficiency and ride-sharing patterns.

PROJECT 5

Retail Order Data Analytics Pipeline Using Kaggle API, Python, and PostgreSQL

- Domain: E-commerce / Retail
- Technology : Kaggle API, Python (Pandas/Visualization), PostgreSQL (SQL)
- Objective: To develop an end-to-end data pipeline to extract retail order data, perform data cleaning and transformation using PostgreSQL DDL/SQL, and conduct advanced sales and profitability analysis (e.g., MoM growth, top products, regional performance) using Python and SQL.



PROJECT 6



Netflix Data Analysis Project Using SQL Server and Python ELT (Extract, Load, Transform) Pipeline

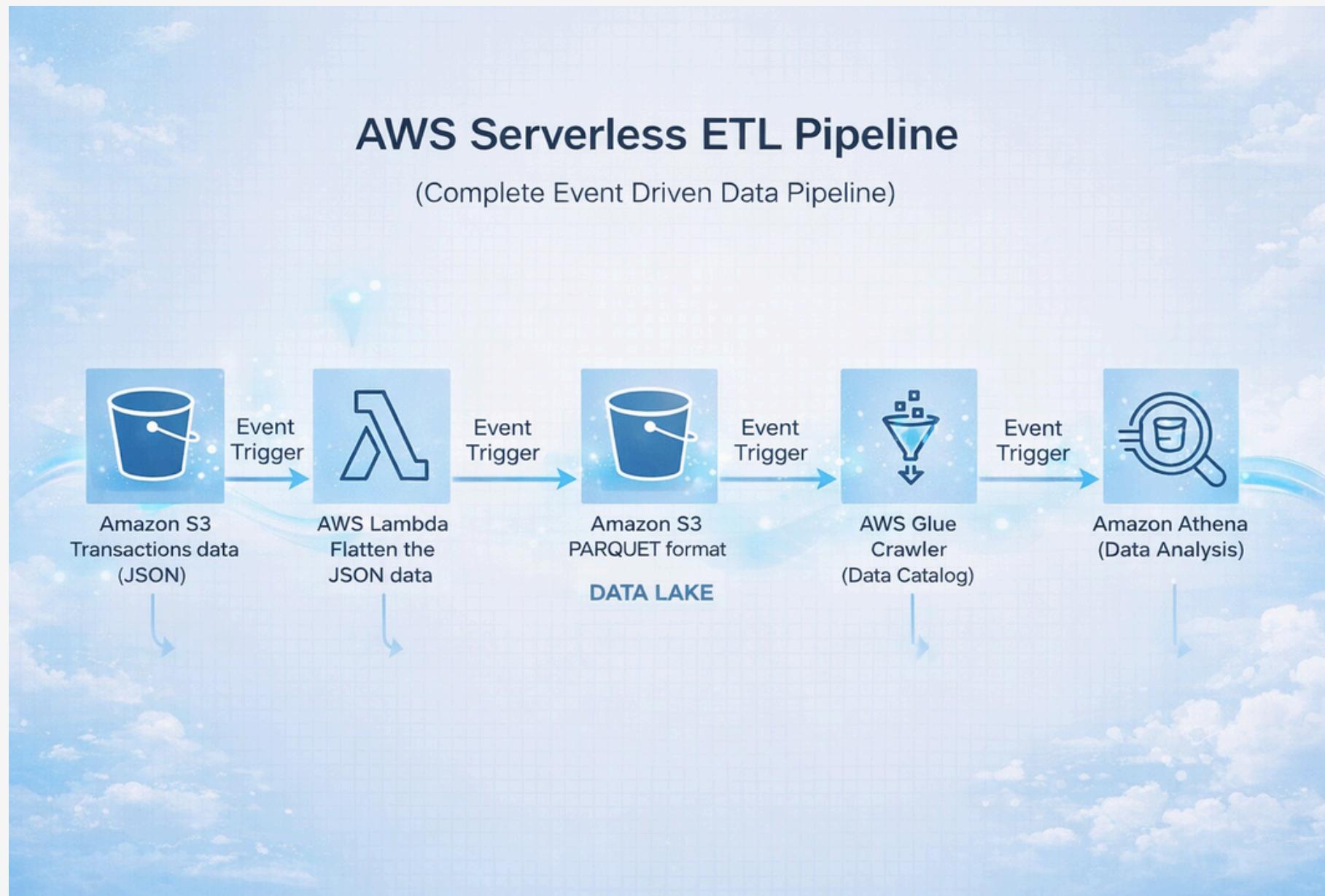
The screenshot shows a PostgreSQL database interface. The top half displays a block of SQL code for analyzing Netflix director productivity. The bottom half shows a grid view of director data with columns: director, number_of_movie, and number_of_tvshow. The grid contains 11 rows of data.

	AZ director	number_of_movie	number_of_tvshow
1	Abhishek Chaubey	4	1
2	Alastair Fothergill	1	3
3	Alban Teurlai	1	1
4	Alessandro Angulo	1	1
5	Andrew Tan	1	1
6	Anurag Kashyap	8	1
7	B. V. Nandini Reddy	3	1
8	BB Sasore	2	1
9	Bejoy Nambiar	2	1
10	Billy Corben	1	1
11	Brad Anderson	3	1

- Domain: Media & Entertainment Analytics / Content Analysis
- Technology: Python (for ELT), PostgreSQL (for Database Management and Querying)
- Objective: To establish an ELT pipeline (Python) for Netflix data, refine data integrity via DDL and cleaning procedures (SQL Server), and perform comprehensive content analysis using PostgreSQL to derive insights on director productivity, genre performance (e.g., comedy/horror), average movie duration per genre, and yearly content release trends.

PROJECT 7

Event-Driven Sales Data Processing Pipeline using AWS Lambda, Glue, and Athena

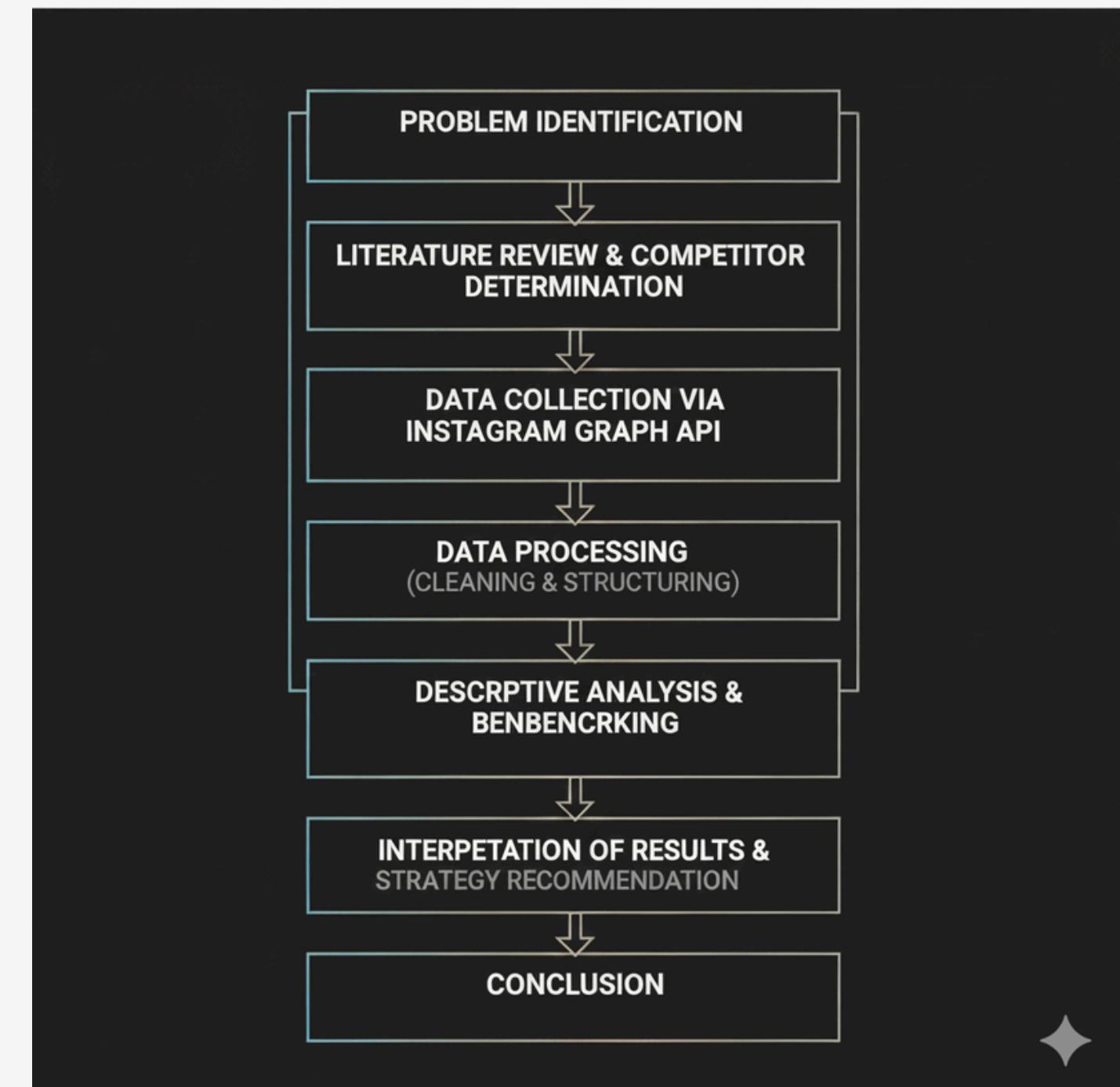
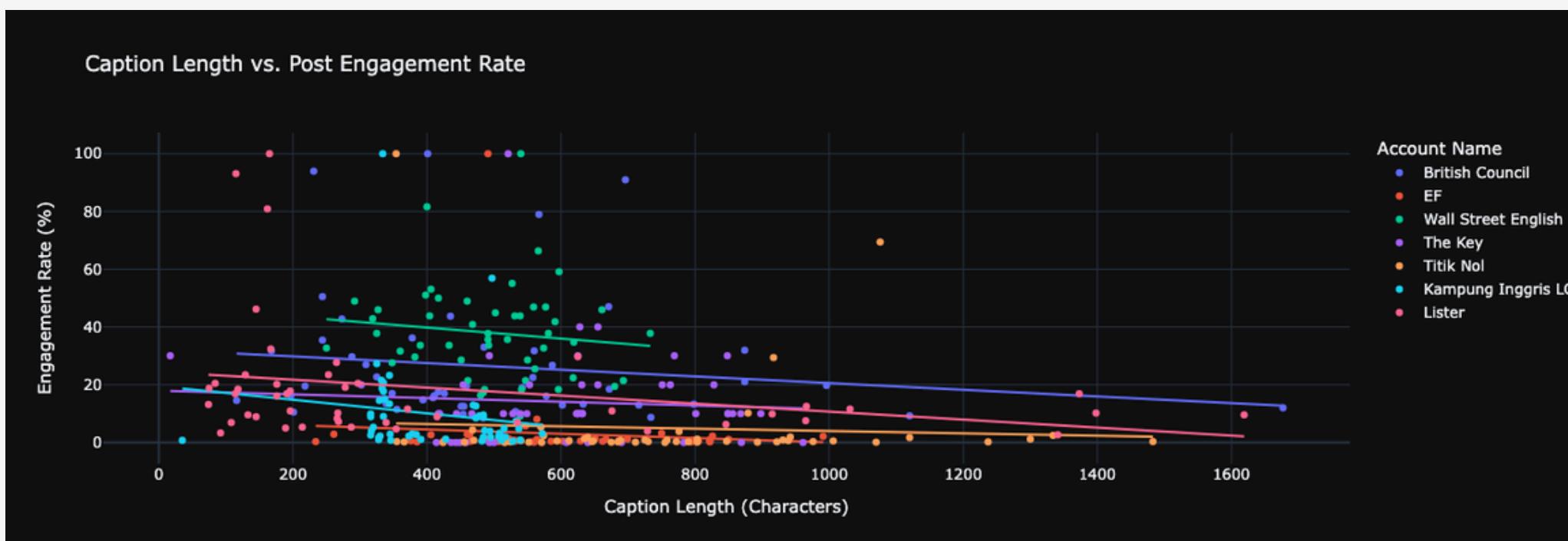


- Domain: E-commerce/Transactional Data (Order details, customer info, product lists in nested JSON format).
- Technology Stack: AWS S3, AWS Lambda, AWS Glue, and Amazon Athena.
- Objective: To build a robust, event-driven pipeline that ingests raw JSON data from S3, transforms (flattens) it into an optimized PARQUET format for the Data Lake, and makes it queryable via Athena for analysis.

PROJECT 8

Benchmarking Competitor Content for The Key English Course's Instagram Success using Python & Power BI

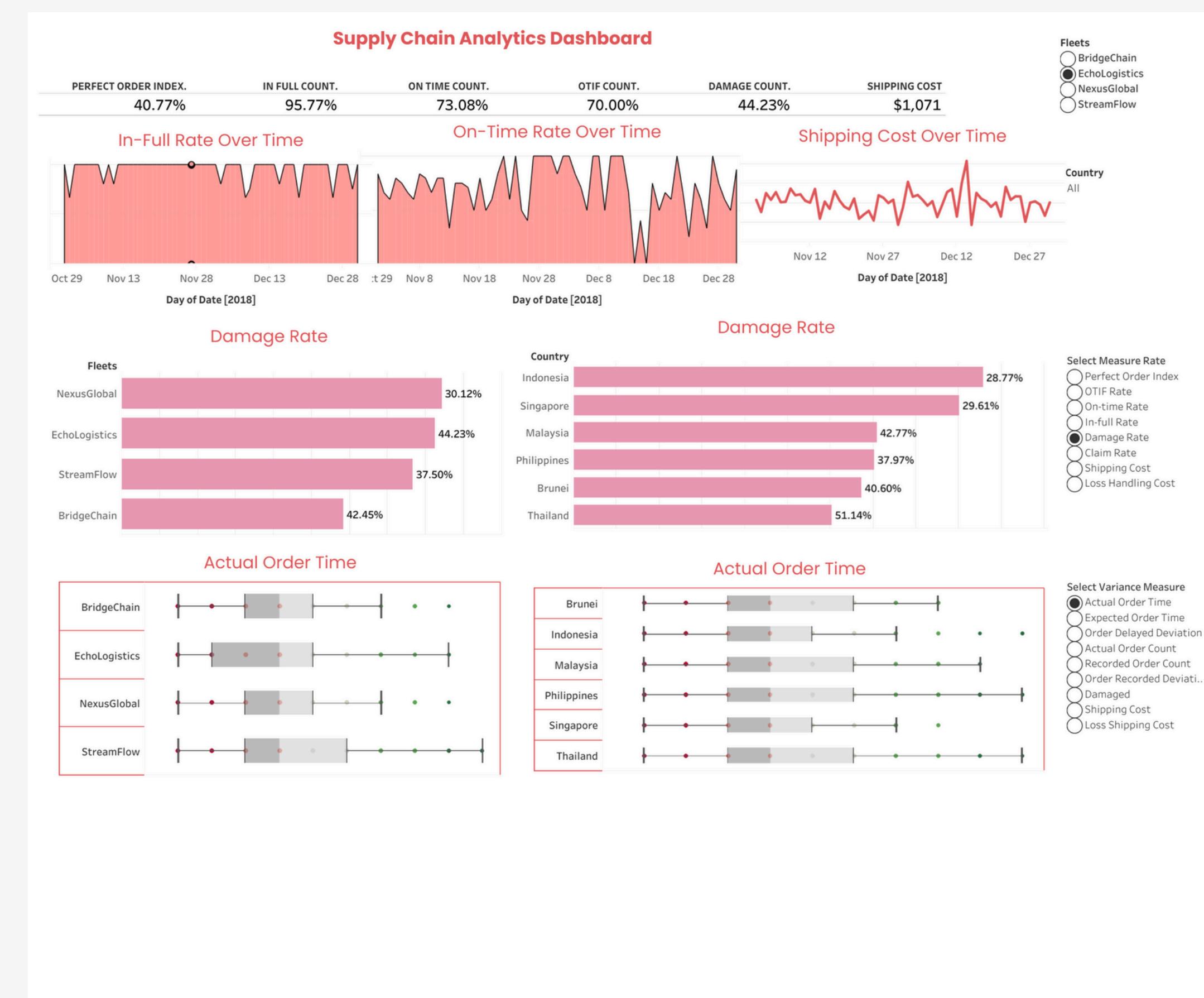
- Domain: Competitor performance and content strategy for English education brands on Instagram.
- Technology: Meta Business, Python, Power BI
- Key Insight Areas: Hashtag positioning distribution (e.g., end-of-caption vs. beginning), and the distribution of media types (FEED vs. REELS) used by each account. The analysis focuses on correlating these content choices with engagement performance.



PROJECT 9

Supply Chain Performance Analytics Dashboard using Tableau

- Domain: Logistics and Supply Chain Management
- Technology: Tableau Desktop / Tableau Public
- Key Insight Areas:
 1. Order Fulfillment Efficiency: Monitoring key performance indicators such as Perfect Order Index (40.77%), In-Full Rate (95.77%), and On-Time Rate (73.08%) to assess service reliability.
 2. Logistics Cost Analysis: Tracking Shipping Cost over time and by region to identify operational spending trends.
 3. Quality and Risk Control: Analyzing Damage Rate across countries and fleets to detect weak points in product handling.
 4. Delivery Time Variance Analysis: Using boxplots to visualize the distribution and outliers of Actual Order Time across different countries and fleet providers.
 5. Fleet Performance Comparison: Evaluating the effectiveness of shipping vendors (e.g., NexusGlobal, EchoLogistics, etc.) in minimizing damage and delays.



ika wahyuni

let's work
together

<https://www.linkedin.com/in/ika-w888/>



Chiko685 - Overview

Chiko685 has 6 repositories available. Follow their code on GitHub.

 GitHub

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