

VINAY SHIVAKUMAR TOTIGER

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SUMMARY

Engineering graduate with practical experience in Python, SQL, Excel, Power BI, and Microsoft Fabric. I work with business data to clean datasets, analyze trends, build dashboards, and create reports that make performance easier to understand. Looking to apply these skills in data, operations, or product focused roles.

PROJECTS

Retail Sales and Profitability Dashboard

[View Project](#)

- Cleaned 9,994 Superstore records in Python, creating date fields, shipping duration, profit margin, and discount bands.
- Wrote SQL queries to analyze \$2.30M sales, \$286.40K profit, product performance, regions, discounts, and monthly trends.
- Published an interactive Power BI report with KPI cards for 12.47% profit margin and 5,009 total orders.
- Identified profit loss from high discounts, weak sub-categories, and regional profitability differences.

Customer Churn Analytics and Retention Dashboard

[View Project](#)

- Prepared 7,043 Telco customers in Python, converting charges and creating churn flags, tenure groups, and charge groups.
- Used SQL to compare churn by contract, tenure, payment method, internet service, tech support, and senior status.
- Designed a Power BI retention dashboard with KPI cards, slicers, bar charts, donut chart, and revenue-risk matrix.
- Found 26.54% churn rate, highest risk in month-to-month contracts, and \$139.13K monthly revenue at risk.

E-commerce SQL Business Analysis

[View Project](#)

- Prepared 8 Olist e-commerce tables for MySQL analysis covering customers, orders, sellers, products, payments, and reviews.
- Wrote 15 SQL queries using joins, CTEs, CASE, RANK, LAG, aggregations, and date-based analysis.
- Analyzed revenue trends, product categories, seller ranking, payment methods, repeat customers, and review scores.
- Measured 99,441 orders, 96,096 unique customers, 3,095 sellers, and 6.77% late delivery rate.

Airline Customer Sentiment and Complaint Analytics Dashboard

[View Project](#)

- Processed 14,640 airline tweets in Python by parsing dates, cleaning tweet text, and handling missing complaint reasons.
- Created SQL checks for sentiment distribution, airline negative rate, complaint reasons, hourly patterns, and tweet examples.
- Developed a Power BI report comparing airlines, sentiment split, complaint reasons, daily trend, and hourly pattern.
- Found 62.69% negative tweets, with customer service issues as the top complaint reason in the dataset.

Global Economic Indicators API Data Extraction and Dashboard

[View Project](#)

- Extracted World Bank API data for 8 countries and 7 indicators covering GDP, inflation, unemployment, and internet use.
- Saved 616 processed CSV rows for MySQL and Power BI analysis, including country details and latest indicator values.
- Created SQL queries and Power BI visuals for GDP ranking, unemployment, growth trend, maps, and country comparison.
- Published a Power BI report covering 2014-2024 economic indicators with 100% data availability in the final dataset.

SKILLS & CERTIFICATIONS

Tools & Libraries: Python, SQL (MySQL), Power BI, Fabric, Excel, Pandas, NumPy, Seaborn, Matplotlib, Power Query, Power Automate, Requests (REST APIs), Git, GitHub, Jupyter Notebook.

Core Competencies: Data Analysis, Data Visualization, ETL Processes, Exploratory Data Analysis (EDA), Statistical Analysis, Data Cleaning, Database Design, API Data Extraction, Feature Engineering, Dashboard Development, Workflow Automation.

Certifications: Microsoft Certified: Fabric Analytics Engineer Associate (DP-600) | Microsoft | Earned: August 2026 | Expires: August 2027 | Credential ID: D27933034FA49C78

Microsoft Certified: Power BI Data Analyst Associate (PL-300) | Microsoft | Earned: June 2026 | Expires: June 2027 | Credential ID: FE93EEBFCC81C0A6

SQL (Advanced) Skill Certification | HackerRank | Earned: May 2026 | ID: 3742A1E044D9

Languages: English (Fluent), Kannada (Native), Hindi (Fluent).

EDUCATION

Dayananda Sagar College of Engineering

Bachelor of Engineering, Mechanical Engineering | 6.49 CGPA