

VIKRANT THENGE

Data Analyst | Python • SQL • Machine Learning • Power BI • Streamlit



KEY IMPACT HIGHLIGHTS

- Delivered 4 production-grade analytics apps across customer insights, forecasting, delay risk modeling, and sentiment analysis (9 deployed in total on GitHub).
- Processed 430K+ transactions to build 4,300+ customer profiles using SQL, RFM scoring, clustering, and monthly cohorts.
- Automated reporting flows and created dashboards that cut analysis time by 60–70% across planning, revenue, and operational workflows.
- Built ML and forecasting models revealing customer behavior patterns, financial trends, and flight-delay risk factors

PROFESSIONAL SUMMARY

- Turn complex customer, financial, and operational data into clear business decisions using structured analysis and modeling.
- Build end-to-end analytics systems using Python, SQL, machine learning, dashboards, automation, and reporting pipelines.
- Strong in segmentation, forecasting, classification, time-series, and behavior pattern mining.
- Deliver production-ready analytics projects deployed online, backed by years of operations experience where accuracy and real-time decisions mattered every day

PROJECTS

Customer Analytics Dashboard | Python, PostgreSQL, RFM, K-Means, Cohorts, Streamlit

- Processed 430K+ transactions to generate 4,300+ customer profiles.
- Applied SQL-based RFM scoring and K-Means to classify customers into 4 behavioral clusters.
- Launched an interactive Streamlit dashboard with filters, cohorts, lookup tools, and data export modules.

Live Demo: <https://customer-analytic.streamlit.app/>

Financial KPI Analyzer & Forecasting Engine | Python, Prophet, Power BI

- Modeled KPI trends across revenue, cost, profitability, and variance patterns.
- Built a time-series engine using Prophet to forecast movements and detect deviations.
- Automated KPI refresh workflows and visualized insights through Power BI dashboards.

Live Demo: <https://kpi-risk-tracker-finance.streamlit.app>

Flight Delay Risk Estimator | Python, Scikit-Learn, SHAP, Streamlit

- Engineered delay-risk features from weather, schedule data, and airline operations.
- Trained ML models with interpretability via SHAP plots to expose drivers of delays.
- Published a Streamlit interface for scenario testing and operational impact review.

Live Demo: <https://flight-delay-predictor-pulse.streamlit.app>

Service Feedback Sentiment Analyzer | Python, NLP, Text Processing

- Processed customer feedback to classify sentiment and flag emerging issues.
- Built reusable NLP scripts for text cleaning, tokenization, sentiment scoring, and keyword extraction.
- Designed an interactive interface for visualizing sentiment trends.

Live Demo: <https://sentiment-analyzer-vikrantthenge.streamlit.app>

PROFESSIONAL EXPERIENCE

Analytics & Portfolio Projects (Self-Driven) – Remote 08/2024 – Present

Delivered hands-on analytics solutions across customer, finance, sentiment, and operations scenarios.

- Deployed 09 production-ready analytics apps across multiple business domains.
- Automated Python workflows, reducing manual reporting effort by 60–70%.
- Built dashboards in Streamlit, Power BI, and Excel for segmentation, retention, forecasting, and KPI tracking.

Data Coordination & Reporting (Aviation) 11/2023 – 07/2024

Official title: Station Manager

UNACL

Mumbai

- Managed daily flight, crew, delay, and safety datasets covering 40–60 flights/day, ensuring accurate reporting for operations control.
- Streamlined Excel/Access/SQL workflows, shortening daily reporting cycles by ~50%.
- Analyzed operational patterns (delays, rotations, turnaround issues) to support planning reviews and shift briefings.



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GitHub | Vikrant | (9 Live Apps)



Dombivli, Mumbai, India



Available Immediately



SKILLS & TOOLS

Programming:

Python (Pandas, NumPy, Scikit-Learn, Prophet, NLTK), SQL, DAX

Databases:

PostgreSQL, MySQL

Visualization:

Power BI, Tableau, Streamlit, Matplotlib, Seaborn, Plotly

ML & Analytics:

Clustering, Forecasting, Classification, NLP, RFM, Cohorts

Tools:

Excel (Advanced), Git, Jupyter, VS Code

Cloud:

AWS (EC2, S3), GCP (Basics)



CERTIFICATIONS & LICENSES

Data Science with Python

Business Analysis

Advanced Google Analytics

Advanced Excel

Power BI & Tableau

Cloud Computing (AWS)

Data Analysis with AI Tools (Copilot/Gemini/Claude)

Career Essentials: GitHub Copilot

Databricks Data Engineer Associate

FAA Flight Dispatcher License – B737



EDUCATION

B.Sc. Computer Science

North East Frontier Technical University



LANGUAGE PROFICIENCY

English



Marathi



Hindi



Japanese



Internships – Data Analytics & Reporting | Remote

10/2022 – 10/2023

- Analyzed delay, churn, and performance datasets using Python, SQL, and exploratory techniques.
- Cleaned and validated large datasets, improving data quality and reducing rework across multiple case scenarios.
- Engineered reusable scripts and notebooks that cut data-preparation effort by 40-50%.

Operational Data Support

07/2019 – 08/2022

Official title: Flight Operations Supervisor

All Nippon Airways

Chennai & Mumbai

- Processed flight and crew movement data for 20-35 daily departures, supporting punctuality decisions and disruption handling.
- Standardized reporting formats and validation rules, improving data accuracy and reducing correction cycles.
- Coordinated with airport, ground, and crew teams to maintain consistent and timely operational data flows.

 **Administration, Reporting & Data Handling – Aviation & Travel** (2004–2019)

Organizations: Cathay Pacific (via CNS India), Saudi Arabian Airlines, Alepo Technologies, BWFS, Garuda Indonesia

- Managed high-volume travel and documentation records across multiple stations and teams.
- Streamlined workflows using Excel templates and checklists to maintain reliable, audit-ready data.