VIKRANT THENGE
Data Analyst | Analytics Engineer | Python ● SQL ● ML ● BI ● Cloud

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GitHub | Vikrant | (8 Live Apps)
📍 Dombivli, Mumbai, India
🕐 Available Immediately

⚛ PROFESSIONAL SUMMARY

- Build end-to-end analytics solutions using Python, SQL, and Power BI across forecasting, ML models, ETL workflows, and dashboard reporting.
- Develop classification, time-series, and NLP models with clean feature engineering, model tuning, and SHAP-based explainability.
- Create Streamlit apps, automated pipelines, and cloud-ready deployments using AWS, Databricks, and GitHub.
- Strong at turning business and operational problems into practical analytics tools that improve decision speed, accuracy, and visibility

📄 FEATURED ML & ANALYTICS PROJECTS

Predictive Maintenance System — Python, Streamlit, SKLearn, AWS
- Built a binary classification model to predict component failure risk using operational-style inputs.
- Improved recall through scaling, feature selection, and model tuning.
- Deployed as a Streamlit app with automated inference flow.

Flight Disruption Risk Model (Generic Framework) — Python, ML
- Developed a delay/disruption prediction model using schedule, weather, and operational parameters.
- Applied SHAP to interpret feature contributions for decision-makers.
- Enabled deeper understanding of where and why delays occur.

Sentiment Analyzer (NLP App) — Python, NLP, Streamlit
- Built a real-time sentiment analyser from raw text using TF-IDF + logistic regression.
- Deployed with a clean UI for instant inference.

Financial & Demand Forecasting — Python, Prophet, Power BI
- Developed time-series models for cost, revenue, and demand trends.
- Integrated model outputs into Power BI dashboards for leadership review.

💼 PROFESSIONAL EXPERIENCE

Analytics Consulting & Portfolio Projects
08/2024 – Present
Remote

- Built interactive dashboards and **what-if scenario tools** in Power BI and Excel to support manpower planning and resource allocation.
- Developed time-series and regression forecasting pipelines, improving planning accuracy by **20–25%**.
- Automated reporting templates and data-prep workflows using Python and SQL, reducing manual effort for recurring analysis.

Operations & Performance Manager
11/2023 – 07/2024
UNACL
Mumbai

- Created Python and Excel-based reporting scripts, manpower trackers, and daily performance logs.
- Analysed operational gaps, staffing issues, and delay patterns to support station-level planning.
- Coordinated cross-functional teams to resolve bottlenecks across ramp, engineering, and vendor partners.

Operations & Performance Supervisor
07/2019 – 08/2022
All Nippon Airways
Chennai & Mumbai

- Analysed turnaround performance, vendor SLAs, OTP trends, and manpower utilization.
- Built dashboards for daily performance review, including staffing gaps and delay causes.
- Supported continuous improvement projects using data-driven insights for operations leadership.

Operations Analyst
12/2016 – 06/2019
Garuda Indonesia
Mumbai

- Monitored SLA adherence, crew coordination, ramp operations, and baggage processes.
- Produced daily/weekly KPI reports covering OTP, vendor performance, and operational variances.
- Automated parts of reporting workflows using Excel formulas and logic-based templates.

📊 TECHNICAL SKILLS

Programming:
Python (Pandas, NumPy, Scikit-learn)
SQL

ML/AI:
Classification
NLP
Time Series Forecasting
Feature Engineering
Hyperparameter Tuning
SHAP

BI & Reporting:
Power BI
Excel

Cloud:
AWS
Databricks
GCP

Deployment:
Streamlit
GitHub
AWS EC2

Data Engineering:
ETL Pipelines
Data Cleaning
Model Deployment

🏢 CERTIFICATIONS

Data Science Program (2021)
Google Data Analytics
AWS Cloud Practitioner
Databricks Lakehouse
Generative AI
SQL
Python
Power BI

🎓 EDUCATION

B.Sc. Computer Science
North East Frontier Technical University

🧠 LANGUAGE PROFICIENCY

English ▰▰▰▰▰
Marathi ▰▰▰▰▰
Hindi ▰▰▰▰▰
Japanese ▰▱▱▱▱

EARLIER EXPERIENCE (2004–2015)

Operational and MIS roles across **Cathay Pacific**, **Saudi Arabian Airlines**, and **Alepo Technologies**, supporting data logs, reporting workflows, vendor coordination, and flight operations.
(Full details available on request)

INTERNSHIPS & TRAINING (2022–2023)

- TMLC – Data Analytics Intern – 2022–2023
- Unschool – Data Analyst Intern – 2022–2023
- Solar Secure Solutions – Data Analyst Intern – 2022–2023