VIKRANT THENGE
Data Science & Analytics Professional | Python ● SQL ● Power BI ● ML ● Automation

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Available Immediately

PROFESSIONAL SUMMARY
- Deliver end-to-end analytics solutions across modelling, data engineering, dashboards, automation, and ML deployment. Convert raw operational data into clean pipelines, models, and decision-support tools used by leadership teams.
- Diagnose business problems and translate them into clear data logic, KPIs, and analytical workflows.
- Deploy analytics into daily operations through Power BI dashboards and Streamlit applications.
- Work closely with senior stakeholders to gather requirements, communicate insights, and guide decision-making.
- Drive measurable improvements in planning accuracy, resource allocation, and operational performance.

FEATURED PROJECTS

Predictive Maintenance | Python, scikit-learn, Streamlit
- Built and deployed an ML pipeline to predict component failures using maintenance logs and sensor data.
- **Outcome**: Enabled early risk detection and improved maintenance planning.

Workforce & Resource Forecasting | Python, Power BI, Excel
- Developed forecasting models for manpower vs workload gaps with automated trend logic in Python.
- **Outcome**: Improved planning accuracy and reduced manual scheduling effort.

Flight Delay Prediction | Python, SHAP, scikit-learn
- Created a classification model using operational + weather history to estimate delay risk with explainability.
- **Outcome**: Helped leadership understand key drivers and improve station efficiency.

Sentiment Analysis Tool | Python, NLP, Streamlit
- Built a full NLP pipeline with real-time sentiment scoring through a Streamlit interface.
- **Outcome**: Enabled quick, structured analysis of customer and operational text data.

PROFESSIONAL EXPERIENCE

Analytics Consulting & Portfolio Projects | Remote (2024 – Present)
- Delivered end-to-end analytics projects from requirement gathering to modelling, validation, deployment, and documentation.
- Built forecasting and classification models deployed via Streamlit for operational use.
- Automated analysis workflows using Python + SQL, cutting manual effort by **40–50%**.
- Designed BI dashboards widely used for staffing, resource allocation, and performance tracking.
- Improved forecast accuracy for planning workflows by **20–25%**.

Operations & Performance Manager | UNACL, Mumbai (2023 – 2024)
- Built KPI dashboards for station performance, cutting manual reporting by 40%.
- Analyzed staffing gaps, delay patterns, and SLA performance using SQL + Excel.
- Automated reporting workflows, improving data freshness and decision cycle time.
- Partnered with leadership to convert operational issues into measurable KPIs and insights.

Operations & Performance Supervisor | ANA, Chennai & Mumbai (2019 – 2022)
- Built dashboards for OTP, turnaround time, resources, and disruption visibility.
- Identified scheduling gaps and cost-impacting delays through structured data analysis.
- Standardized reporting workflows and improved data accuracy across teams.
- Worked with ground teams and managers to turn issues into actionable KPIs.

Operations Analyst | Garuda Indonesia, Mumbai (2016 – 2019)
- Automated KPI reporting templates and strengthened data collection processes.
- Investigated vendor delays and SLA compliance using structured logs and analysis.
- Delivered insights on staffing, turnaround patterns, and vendor performance.
- Supported management reviews with data-backed recommendations.

EARLY CAREER (2004–2015)
Operational and MIS roles across Cathay Pacific, Saudi Arabian Airlines, Alepo Technologies, and BWFS, focusing on data logs, KPI reporting, process tracking, and decision-support for daily operations.

CORE SKILLS
Programming:
Python (Pandas, NumPy, scikit-learn)
SQL
Analytics & ML:
Forecasting
Classification
Feature Engineering
NLP
SHAP
Model Evaluation
BI & Reporting:
Power BI (DAX, Modelling)
Excel Automation
KPI Dashboards
Data Engineering:
ETL Pipelines
Data Cleaning
Transformation
Automation Scripts
Cloud & Tools:
AWS (EC2, S3)
Databricks
GitHub
Streamlit (Deployment)
GCP (Basic)
Collaboration:
Requirement Gathering
Stakeholder Insights
Documentation

CERTIFICATIONS & LICENSES
Data Science with Python
Business Analysis
Power BI
Tableau
Google Data Analytics
AWS Cloud Practitioner
Databricks Lakehouse
Generative AI

EDUCATION
B.Sc. Computer Science
North East Frontier Technical University

LANGUAGE PROFICIENCY
English
Marathi
Hindi
Japanese