

# VIKRANT THENGE

Data & Analytics Professional Python • SQL • Power BI



## KEY IMPACT SNAPSHOT

- Reduced system downtime by **25%** with predictive maintenance models.
- Boosted profitability by **12%** through demand forecasting and pricing optimization.
- Improved risk detection by **15%** using ML classification models (**80%** accuracy).
- Accelerated reporting turnaround by **20%** using interactive Power BI dashboards.



## PROFESSIONAL SUMMARY

- Data Analyst with a strong foundation in airline operations, delivering business transformation through **predictive analytics, automation, and BI solutions**.
- Experienced in **Python, SQL, Power BI, Tableau, and Gen AI tools**, with deployment across **AWS, GCP, and Azure**.
- Delivered measurable impact in **forecasting accuracy, operational efficiency, and risk mitigation** through applied analytics projects.
- Built and deployed **interactive apps, branded dashboards, and automation bots** that enhanced decision-making and recruiter engagement.



## PROJECTS

### Predictive Maintenance Optimization | Python, AWS, Time Series

- Deployed anomaly detection models reducing downtime by **25%**.
- Implemented time-series models optimizing maintenance schedules, cutting logistics costs by **18%**.

LAUNCH

DASHBOARD

### Sentiment Trend Analyzer | Python, NLP, Hugging Face

- Launched NLP app analyzing sentiment from uploaded CSVs.
- Developed recruiter-facing UI with visualization of confidence scores and sentiment distribution.

LAUNCH

APP

### Job Application Automation Bot | Python, Streamlit, Resume Parsing

- Streamlined job search workflows with resume parsing and keyword matching.
- Scraped listings from LinkedIn, Naukri, and Indeed; tracked recruiter outreach.

LAUNCH

APP

### Operational Safety & Risk Analytics | Python, SQL, ML, ETL

- Built automated data pipelines processing 5+ years of operational data.
- Engineered ML classification models to detect risk triggers, improving early detection by **15%**.

### Revenue Forecasting & Optimization | Excel, Power BI

- Engineered demand forecasting models that increased profitability by **12%**.
- Conducted scenario modeling to optimize resource allocation and minimize waste.

### Resource Monitoring Dashboard | Power BI, SQL

- Delivered real-time dashboards improving workforce and delivery visibility by **30%**.



## PROFESSIONAL EXPERIENCE

### Independent Analytics Consultant (Freelance Project) | Remote 08/2024 – Present

- Built interactive dashboards and simulation models in Power BI and Excel, increasing planning accuracy by **25%**.
- Formulated financial forecasting models, improving network planning accuracy by **20%**.

### Station Manager-Data-Driven Operations (Analytics-Focus)

11/2023 – 07/2024

UNACL Ltd

Uganda Airlines  Mumbai

- Led KPI-based workflow optimization, reducing turnaround time and improving service levels by **20%**.
- Partnered with procurement teams, cutting vendor delays by **18%**.
- Embedded analytics into daily operations, accelerating planning cycles by **30%**.

### Analytics Internships & Training Roles | Remote

10/2022 – 10/2023

**Supply Chain Analytics (Unschool):** Forecasted transport delays with Python & SQL, lowering delivery issues by **15%**.

**Data Science Trainee (Solar Secure Solutions):** Improved dataset quality by **15%** via validation and cleaning.

**ML Intern (TMLC):** Optimized SAS workflows saving **22 labor hours/month**; Implemented Random Forest churn model improving retention by **18%**.



+91 9930244221



vikrantthenge@outlook.com



Vikrant Thenge | LinkedIn



vikrant-data-analytics-portfolio



Dombivli, Mumbai, India



Available Immediately



## SKILLS & TOOLS

### Analytics & Data Science:

Exploratory Data Analysis (EDA)  
Predictive Modeling  
Hypothesis Testing  
KPI Tracking  
Time Series Analysis  
Data Warehousing  
ETL

### Programming & Analytical Tools:

Python

SQL

Excel (Macros, Pivot Tables)

Power BI & Tableau

Matplotlib, Seaborn

GitHub Jupyter

### Cloud & Database Platforms:

AWS & GCP

Heroku

Kafka

MongoDB PostgreSQL, MySQL

Snowflake (conceptual knowledge)

### ETL/BI Tools:

Databricks, Power Query, SQL-based  
ETL, Tableau Prep, BI Storytelling

### Business Domain:

Logistics Analytics, Vendor Planning,  
Contract Analysis, Order Fulfillment,  
Procurement Support, Network  
Strategy

### AI/Gen AI:

Prompt Engineering · Gen AI Tools  
(ChatGPT, Copilot, Gemini, Claude)



## 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)

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



## Flight Operations/Data Analyst

07/2019 – 08/2022

All Nippon Airways



Chennai

- Analyzed scheduling & resource data, reducing costs by **12%**.
- Built compliance tracking tools, increasing reporting accuracy by **30%**.
- Developed Power BI dashboards, reducing reporting time by **20%**.
- Delivered training programs improving operational readiness and compliance.

## Prior Roles in Aviation, Travel, and Admin (2004–2019)

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

- Managed real-time operations monitoring, vendor planning, and compliance reporting.
- Delivered travel management and resource scheduling solutions to improve efficiency.