VIKRANT THENGE
Data Analyst | Predictive Analytics | Python | SQL | Power BI | Cloud Analytics

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- Vikrant Thenge | LinkedIn
- vikrant-data-analytics-portfolio
- Dombivli, Mumbai, India
- Available Immediately

CAREER SUMMARY

- **Data-driven operations** and **analytics professional** with a strong foundation in **airline, travel,** and **logistics** environments, now specializing in **data science, predictive analytics, and BI solutions**.
- Completed multiple **certifications** and **applied projects** in **Python, SQL, Power BI, AWS/GCP**, delivering measurable gains in **forecasting accuracy**, **operational efficiency**, and **decision-making speed**.
- Skilled in translating **complex datasets** into **actionable insights** through **scenario modeling**, **KPI tracking**, and **stakeholder-focused dashboards**.
- Combines **domain expertise** with **modern analytics capabilities** to deliver **data-backed improvements** across industries.

PROJECTS

Predictive Maintenance Optimization | Python, AWS, Time Series
- Designed and deployed anomaly detection models for technical systems, reducing downtime by **25%**
- Implemented time-series models to optimize maintenance schedules, lowering logistics costs by **18%**

Sentiment Trend Analyzer | Python, NLP, Hugging Face
- Built branded NLP app to analyze sentiment trends from uploaded CSVs using transformer models
- Visualized confidence scores and sentiment distribution in recruiter-facing UI

Job Application Automation Bot | Python, Streamlit, Resume Parsing
- Automated job search workflows using resume parsing and keyword matching
- Scraped listings from LinkedIn, Naukri, and Indeed; tracked recruiter outreach

Operational Safety & Risk Analytics | Python, SQL, ML, ETL
- Automated ingestion and processing of multi-year operational data to identify risk triggers and process inefficiencies.
- Built ML classification models to detect potential incident patterns, improving early risk detection and accelerating decision-making time.

Revenue Forecasting & Optimization | Excel, Power BI
- Developed demand forecasting models that enhanced pricing accuracy, boosting profitability by **12%**.
- Conducted what-if analysis to optimize resource allocation, reducing waste and enhancing fulfillment efficiency.

Operations Dashboard for Resource Monitoring | Power BI, SQL
- Engineered real-time dashboards improving workforce, delivery performance visibility, and dispatch decision-making by **30%.**

KEY IMPACT SNAPSHOT

- Reduced unplanned maintenance incidents by **20%** through time-series models that elevated asset uptime and reliability.
- Enhanced operational safety and visibility by deploying ML models with **80% accuracy**, resulting in a **15% reduction** in incidents.
- Increased profitability by **12%** through demand forecasting and scenario modeling that optimized pricing strategies.

PROFESSIONAL EXPERIENCE

Independent Analytics Consultant (Freelance Project) | Remote   08/2024 – Present
- Developed interactive dashboards and simulation models in Power BI and Excel, increasing planning accuracy by **25%**.
- Created trend visualizations for route and industry performance to make decisions.
- Designed financial forecasting models that optimized resource and network planning, raising accuracy by **20%**.

Station Manager-Data-Driven Operations (Analytics-Focus)   11/2023 – 07/2024
UNACL Ltd   *Uganda Airlines* — *Mumbai*
- Led KPI-based workflow optimization, improving turnaround time and service levels by **20%**.
- Partnered with procurement to improve vendor planning and reduce delays by **18%**.
- Integrated analytics into daily operations, streamlining planning and accelerating delivery timelines by **30%**.

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 & LICENSE

Data Science with Python
Business Analysis
Advance Google Analytics
Advanced Excel
Power BI & Tableau
Cloud Computing (AWS)
Data Analysis using 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

Analytics Internships & Training Roles| Remote   10/2022 – 10/2023
Supply Chain Analytics   Unschool
- Forecasted transport delays using Python and SQL, reducing delivery issues by **15%**.
- Streamlined dispatch and fleet processes, lowering idle time and waste by **10%**.

Data Science Trainee   Solar Secure Solutions
- Refined dataset quality by **15%** through validation and cleaning processes.

Managed end-to-end data lifecycle with adherence to security protocols

ML Intern   TM LC
- Automated SAS-based workflows, saving **22** labor hours monthly.
- Designed a Random Forest churn model that improved customer retention by **18%**.

Flight Operations/Data Analyst   07/2019 – 08/2022
All Nippon Airways   *ANA*   *Chennai*
- Analyzed scheduling and resource data, reducing operational costs by **12%**.
- Developed compliance tracking tools, increasing reporting accuracy by **30%**.
- Built Power BI dashboards for performance monitoring, improving reporting turnaround by **20%**.
- Delivered training on operational readiness and compliance, enhancing team efficiency.

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

Held progressive roles with leading aviation and enterprise firms including Cathay Pacific (via CNS India), Saudi Arabian Airlines, Alepo Technologies, BWFS, and Garuda Indonesia. Contributed to:
- Real-time operations monitoring, resource scheduling, and data-driven planning.
- Operational reporting, compliance documentation, and vendor coordination.
- Travel management system operations and stakeholder support.
- Training in operational processes to improve team alignment and performance.