VIKRANT THENGE

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



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 databacked improvements across industries.



PROJECTS

Predictive Maintenance Optimization | Python, AWS, Time Series

- Designed and deployed anomaly detection models for technical systems, reducing downtime by 25% and extending asset life cycle.
- Implemented trend-based time-series models in Python to optimize maintenance schedules, lowering logistics costs by 18% and reducing planning lag by 30%.

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.
- Delivered real-time sourcing dashboards that improved vendor planning efficiency and supported data-driven procurement decisions.



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 guide strategic decisions.
- Designed financial forecasting models that optimized resource and network planning, raising accuracy by 20%.

Station Manager-Data-Driven Operations (Analytics-Focus) **UNACL Ltd**

11/2023 - 07/2024 Uganda Airlines 🌌 Mumbai

Led KPI-based workflow optimization, improving turnaround time and service levels

- 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%.

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



vikrantthenge@outlook.com

Vikrant Thenge | LinkedIn

https://github.com/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 Al Tools (ChatGPT, Copilot, Gemini, Claude)

(IIII) CERTIFICATIONS & LICENSE

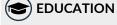
Data Science with Python **Business Analysis** Advance Google Analytics Advanced Excel Power BI & Tableau

Cloud Computing (AWS) Data Analysis using AI Tools

(Copilot/Gemini/Claude)

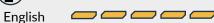
Databricks Data Engineer Associate

FAA Flight Dispatcher License - B737



B.Sc. Computer Science North East Frontier Technical University





Marathi

Hindi

Japanese — — — — —

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.