

VIKRANT THENGE

Data Analyst & Data Scientist | Forecasting | BI & ML Models | Python | SQL | Power BI

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- Dombivli, Mumbai, India
- Available Immediately

CAREER SUMMARY

- Developed and deployed five predictive models using Python and SQL, optimizing KPIs and accelerating decision-making in logistics operations.
- Designed analytics workflows with SQL, Power BI, and AWS/GCP, delivering automated reporting and real-time business insights.
- Converted complex datasets into actionable insights through scenario simulations, root cause analysis, and stakeholder-focused dashboards.
- Continuously advancing expertise in A/B testing, marketing analytics, and Gen AI tools (ChatGPT, Copilot, Gemini) to drive innovation in data solutions.

KEY IMPACT SNAPSHOT

- Demonstrated ability to deliver measurable business impact through data-driven solutions, improving efficiency and reducing costs across multiple domains.
- Reduced unplanned maintenance by 20% via time-series models improving asset uptime.
- Enhanced logistics and safety visibility with ML models (80% accuracy), reducing incidents by 15%.
- Boosted pricing ROI by 12% through demand forecasting and scenario modeling.
- Delivered sourcing dashboards supporting key vendor planning decisions.

PROJECTS

Predictive Maintenance Optimization | Python, AWS, Time Series

- Designed anomaly detection models for technical systems, reducing downtime by 25%.
- Streamlined predictive maintenance planning using trend-based time series models in Python, improving logistics cost efficiency by 18% and reducing planning lag by 30%.

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

- Automated ingestion and processing of 5 years of historical logistics operations data.
- Engineered ML models identifying risk triggers and delivery delay patterns, improving incident detection and decision time.

Revenue Forecasting & Optimization | Excel, Power BI

- Forecast demand patterns and optimized pricing, improving profitability by 12%.
- Reduced resource waste and improved fulfilment efficiency through what-if analysis and logistics planning.

Operations Dashboard for Resource Monitoring | Power BI, SQL

- Created real-time dashboards improving workforce, delivery performance visibility, and dispatch decision-making by 30%.

PROFESSIONAL EXPERIENCE

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

- Developed interactive dashboards and simulation models using Power BI and Excel, boosting planning accuracy by 25%.
- Created visualizations of industry and route performance trends to guide client logistics strategy.
- Devised financial forecasting models improving resource and 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, improving turnaround and service levels by 20%.
- Partnered with procurement to optimize 3PL/vendor planning and reduce logistics delays by 18%.
- Integrated analytics into daily ops, streamlining route planning and accelerating delivery timelines by 30%.

Analytics Internships & Training Roles | Remote 10/2022 – 10/2023

Supply Chain Analytics Unschool

- Forecast transport delays using Python and SQL, improving routing decisions and reducing delivery delays by 15%.
- Streamlined dispatch and fleet processes, cutting idle logistics time and resource wastage by 10%.

Data Science Trainee Solar Secure Solutions

- Refined data quality by 15% by validating and cleaning raw logistics datasets.
- Managed end-to-end data lifecycle with adherence to security protocols.

SKILLS & TOOLS

Analytics & Data Science:

Exploratory Data Analysis (EDA)
Predictive Modeling
Data Visualization
Business Insights
Reporting & Dashboards
Hypothesis Testing
KPI Tracking
Time Series Analysis
Data Warehousing
ETL

Programming & Analytical Tools:

Python
SQL

Advanced 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:

Financial Forecasting · Budget
Planning · Cost Optimization · Scenario
Analysis

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

ML Intern

TM LC

- Automated SAS-based logistics 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



Chennai/Mumbai

- Analyzed operational and resource data to identify patterns, reducing fuel consumption by **12%** and improving efficiency through data-backed decisions.
- Implemented compliance tracking tools, increasing data accuracy by **30%**.
- Developed interactive Power BI dashboards for delay analysis and compliance metrics, improving reporting speed by **20%** and enabling risk mitigation
- Trained flight operations team members in load control principles and dispatch readiness, ensuring compliance with airline safety and efficiency standards.

EARLY CAREER SAPSHOT (2004–2019)

Held progressive roles across leading aviation and enterprise firms including **Cathay Pacific (via CNS India), Saudi Arabian Airlines, Alepo Technologies, BWFS, and Garuda Indonesia.**

Worked as a **Data Service Agent, Admin & Travel Specialist, Flight Operations Officer, and OCC Coordinator**, contributing to:

- Real-time flight monitoring, resource scheduling, and crew tracking.
- Operational reporting and compliance documentation.
- Data entry, vendor coordination, and travel management systems.
- Supporting on-time performance and dispatch readiness through data-backed planning.
- Delivered hands-on training in real-time flight monitoring, load planning, and dispatch coordination, improving shift-level operational alignment.