VIKRANT THENGE
Data & Analytics Professional Python ● SQL ● Power BI

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� vikrant-data-analytics-portfolio
📍 Dombivli, Mumbai, India
🕐 Available Immediately

KEY IMPACT SNAPSHOT

- Reduced system downtime by **25%** with predictive maintenance machine learning 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%** with interactive Power BI dashboards and automated ETL pipelines

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 machine learning 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 ETL 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%**.

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(Pandas, NumPy, Scikit-learn)
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 · Generative 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

Language	Proficiency
English	▮▮▮▮▮
Marathi	▮▮▮▮▮
Hindi	▮▮▮▮▯
Japanese	▮▮▯▯▯

Flight Operations/Data Analyst 07/2019 – 08/2022
All Nippon Airways ANA 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.