

VIKRANT THENGE

Analytics Manager – Operations & Decision Support

PROFESSIONAL SUMMARY

- Analytics Manager owning forecasting, capacity planning, and performance analytics across operations-heavy environments.
- Drives leadership planning, staffing, and risk decisions through decision analytics, scenario modelling, and KPI governance.
- Improved forecast and planning accuracy by ~15–25% using demand forecasting and scenario-based capacity models.
- Reduced manual reporting and analysis effort by ~40–50% through automation using Python and SQL.
- Enabled faster leadership decision cycles by replacing reactive reporting with automated, forward-looking dashboards.
- Hands-on with Python, SQL, Power BI, and cloud-based analytics environments (AWS, Databricks).

CORE CAPABILITIES

- Decision Analytics & Planning** - Forecasting & planning - Scenario modelling & what-if analysis - Capacity & workforce planning - Decision-support analytics
- Performance & Risk Management** - KPI frameworks - SLA / OTP analytics - Operational risk indicators - Executive performance reviews
- Analytics Automation & BI** - Python & SQL automation - Power BI dashboards (data modelling, DAX) - Executive & management reporting
- Tools & Platforms** - Python | SQL | Power BI | Excel automation - AWS | Databricks | GitHub | Tableau (working knowledge)

SELECTED BUSINESS IMPACTS

- Cut manual reporting and analysis effort by ~40–50% by automating recurring analytics workflows, improving data consistency and turnaround time.
- Improved staffing and workload planning accuracy by ~15–25% through forecasting and scenario-based capacity models used in periodic planning reviews.
- Strengthened SLA and operational risk visibility by standardizing KPI dashboards covering delay drivers, resource gaps, and performance thresholds.
- Accelerated leadership decision-making by replacing static reports with automated, forward-looking insights used in weekly and monthly reviews.

FEATURED PROJECTS

Workforce & Resource Forecasting System

- Owned forecasting and scenario models comparing workload versus manpower to support staffing, capacity planning, and SLA risk mitigation.
- Embedded forecasting outputs into leadership dashboards used for periodic planning and what-if decision analysis.

Performance & SLA Analytics Framework

- Designed and governed KPI dashboards tracking SLA/OTP performance, delay drivers, and operational bottlenecks across operations.
- Enabled timely intervention and structured, data-driven performance reviews at leadership and management levels.

Predictive Maintenance Risk Framework

- Developed a risk-based analytics framework to identify high-risk components ahead of potential failure events.
- Supported preventive maintenance prioritization and improved operational reliability through early risk signaling.

Operational Feedback & Sentiment Insights

- Built analytics workflows to classify customer and operational feedback for service quality monitoring and issue detection.
- Improved visibility into recurring service issues, enabling faster prioritization and corrective action.

PROFESSIONAL EXPERIENCE

Analytics Manager – Operations & Decision Support | Analytics Consulting & Engagements (Remote) 08/2024 – Present

- Lead operations-focused analytics initiatives delivering decision-ready dashboards, KPI frameworks, and performance insights for leadership.
- Build and maintain SQL and Power BI reporting layers for workload tracking and capacity planning, improving forecast accuracy by ~15–25%.
- Automate analytics workflows and data pipelines using SQL and Python, reducing manual reporting effort by ~40–50%.
- Integrate forecasting outputs, KPI insights, and performance metrics into recurring leadership planning and review cycles.

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TECHNICAL SKILLS

Analytics & Decision Enablement:

- Forecasting & planning
- Scenario modelling
- Capacity & workforce planning
- Operational risk indicators
- Decision-support analytics

Performance Management & Reporting:

- KPI frameworks
- SLA / OTP analytics
- Executive dashboards
- Performance review reporting

Analytics & Automation:

- Python
- SQL
- Excel
- Automation of recurring analytics and reporting workflows

Business Intelligence:

- Power BI (data modelling, DAX)
- Leadership and management dashboards

Forecasting & Modeling:

- Time-series forecasting
- Scenario and what-if models
- Operational risk models

TOOLS & PLATFORMS:

- AWS (EC2, S3)
- GitHub





CERTIFICATIONS

Data Science Program (Applied Analytics & Forecasting)
Google Data Analytics Professional Certificate
AWS Cloud Practitioner
Databricks Lakehouse Fundamentals
Generative AI Foundations

EDUCATION

B.Sc. Computer Science
North East Frontier Technical University

LANGUAGE PROFICIENCY

English 
Marathi 
Hindi 
Japanese 

- Operations & Performance Manager (Analytics-Focused)**
UNACL

11/2023 - 07/2024
Mumbai
- Owned KPI frameworks covering staffing gaps, SLA risk, and delay drivers, translating operational issues into decision-ready leadership dashboards.
 - Improved planning accuracy and decision timeliness by automating weekly and monthly performance reporting cycles.

- Applied Analytics Engagements (Independent & Consulting)**

2022-2023
- Delivered forecasting models, KPI frameworks, and reporting automation to support operational planning and performance reviews.
 - Built Python-based analytics workflows and dashboards to address recurring planning and execution challenges.

- Operations & Performance Supervisor (Analytics)**


07/2019 - 08/2022
- All Nippon Airways

Chennai & Mumbai
- Analyzed turnaround efficiency, resource utilization, and SLA performance to support station-level planning and operational reviews.
 - Standardized reporting processes, improving data accuracy and consistency across operational teams.

- Operations Analyst**

12/2016 - 06/2019
- Garuda Indonesia

Mumbai
- Analyzed vendor delays, SLA performance, and resource utilization to support planning and performance accountability.
 - Provided structured analytical insights to strengthen operational decision-making.

-  **EARLIER EXPERIENCE (2004-2015)**
- MIS and operations roles across Cathay Pacific, Saudi Arabian Airlines, Alepo Technologies, and BWFS, focused on KPI reporting, operational logs, and performance tracking.