

Nayan Bobde

Pune, India

Data Analyst | SQL | Power BI | Transforming Data into Actionable Insights
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Profile

Result-driven Data Analyst with 2.4 years of experience specializing in Retail and Supply Chain analytics to drive operational efficiency. Proven expertise in optimizing inventory performance, engineering robust reporting pipelines, and building scalable dashboards using SQL, Power BI, Python, and Excel. Adept at implementing complex DAX measures, automated KPI tracking, and revenue analytics to streamline retail operations and support strategic decision-making. Skilled in collaborating with cross-functional stakeholders to translate complex data into actionable business solutions.

Experience

Cognizant

Order Allocation Analyst

Bangalore, India

Oct 2023 – Mar 2026

- Worked with a global apparel retail client to analyze inventory flow from distribution centers to stores, identify allocation issues, and develop SQL and Power BI dashboards, processing 500K+ records across 20,000+ SKUs, multiple stores, and 3+ distribution centers.
- Designed and developed interactive Power BI dashboards for Buying, Planning, Merchandising, Supply Chain, and Distribution Center teams, enabling data-driven decisions through inventory health, sales, and supply chain analytics.
- Analyzed large-scale sales and inventory datasets using SQL and Power BI, developed DAX measures and calculated columns for KPIs including Weeks of Cover (WOC), In-Stock %, Stockout Rate, Sell-Through Rate, Allocation Accuracy, Inventory Value, Revenue, Gross Margin, DC Utilization, and Forecast Accuracy, and presented actionable insights for business planning and forecasting.
- Designed scalable Star Schema data models with Fact and Dimension tables, built efficient semantic models, and optimized dashboard performance by improving SQL queries, reducing unnecessary columns, leveraging reusable SQL Views, and implementing efficient DAX measures for faster dataset refresh and high-performance reporting.
- Created and optimized SQL Views for inventory, sales, and allocation reporting, streamlining data extraction, transformation, and dataset preparation while maintaining consistent business logic across Power BI dashboards.
- Collaborated closely with Buying, Planning, Merchandising, Supply Chain, and Distribution Center teams to gather business requirements, define KPIs, support User Acceptance Testing (UAT), validate KPI calculations, resolve business feedback, and ensure dashboard accuracy before production deployment.
- Identified distribution center allocation imbalances through SQL analysis and Power BI visualization, contributing to approximately 30% reduction in stockouts, 10% improvement in allocation accuracy, and 15% improvement in revenue. Implemented Row-Level Security (RLS) and Page-Level Security to provide role-based access and support data governance.

Technical Skills

Languages: Python, SQL (MySQL, MS SQL Server)

Tools: Power BI (Power Query, DAX, Power Pivot), Excel (Advanced), JDA (Allocation Tool), ODBMS, SQL Server Management Studio, Git, Jira

Databases & Platforms: MS SQL Server, Data Warehouse Systems, Databricks

Core Skills: Data Analysis, Data Modeling, Dashboard Design, KPI Tracking, KPI Alerts & Automation, ETL Pipelines, Data Warehousing, Business Intelligence, Data Cleaning, Reporting Automation, Predictive Analytics, Retail Analytics, Supply Chain Analytics, Agile Methodologies, Stakeholder Management, Training & UAT Support, Analytical Thinking, Problem Solving.

Personal Projects

Inventory Optimization Dashboard — MS SQL, Power BI, Excel

Developed a SQL-based dashboard integrating warehouse and sales data. Reduced overstock by 18% and improved forecasting accuracy through automated alerts.

E-commerce Sales Insights Platform — MS SQL, Power BI

Processed 100K+ records to identify revenue drivers and improve marketing ROI by 22%.

Education

Bachelor of Engineering in Information Technology (BE)
SCOPE, Savitribai Phule Pune University

2018 – 2023

Certifications

- **Microsoft Certified: Power BI Data Analyst Associate (PL-300)** – Validates skills in preparing, modeling, visualizing, and analyzing data using Power BI to drive data-driven business decisions.
- **Microsoft Certified: Fabric Analytics Engineer Associate (DP-600)** – Demonstrates expertise in designing, implementing, and managing enterprise-scale analytics solutions using Microsoft Fabric, including data ingestion, transformation, modeling, warehousing, semantic models, and Power BI to deliver scalable business intelligence solutions.
- **SQL – MySQL for Data Analytics** – Validates proficiency in writing complex SQL queries, database design, and conducting data analysis to extract business insights.
- **Supply Chain Management and Analytics — Unilever** – Validates expertise in applying data analytics to optimize supply chain operations, logistics, and inventory management strategies.

ACHIEVEMENTS

Star Award – Cognizant

Recognized for leading reporting automation initiatives improving accuracy and collaboration.