Mohanraj D

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Professional Summary

— Detail-oriented **Data Analyst / Reporting Analyst** with hands-on expertise in **SQL, Excel (Advanced), and Power BI**. Skilled in **data cleaning, transformation, dashboard development, and KPI tracking**. Proven experience in **supply chain analytics and order management** at HCL Technologies. Strong academic foundation in Computer Science with real-world project exposure in **e-commerce analytics, business reporting, and database management**. Adept at delivering **data-driven insights** that support decision-making and improve business performance.

Technical Skills

Languages SQL, Python(Basic), Excel (Advanced).

Tools & Visualization: Power BI (DAX, Power Query), Excel (Pivot Tables, Charts, Slicers)

Databases & SQL : MySQL, SQL Server, Complex Joins, CTEs, Window Functions, Subqueries.

Business Knowledge: E-Commerce Analytics, Supply Chain Analytics, Forecasting, Inventory Analysis.

Experience

HCL Technologies Pvt. Ltd – Chennai, India   **Oct 2023 – Present**
Process Associate (Supply Chain Analytics)

CPFR: Collaborative Planning, Forecasting, and Replenishment

- Supported Collaborative Planning, Forecasting, and Replenishment (CPFR) to ensure accurate demand and supply forecasts.
- Analyzed inventory and ordering strategies at SKU-level to maximize sales and minimize excess stock.
- Built **Excel-based automated reports** to improve reporting efficiency and reduce manual effort.
- Monitored **production line errors** and provided **real-time support for client-side servers**, improving SLA compliance.
- Partnered with demand planning, purchasing, and sales teams to improve **forecast accuracy and reporting clarity**.
- Enhanced inventory data quality by implementing **data cleansing and validation processes**.

Client: Challenges Unlimited
- Improved forecast accuracy by addressing **SKU rationalization and multi-source data inconsistencies**
- Automated recurring Excel reports, cutting manual reporting time by 30%.
- Resolved planning discrepancies between internal sales forecasts and customer forecasts.
- Implemented data cleansing processes to eliminate inconsistencies in inventory records.

Projects

Sales Dashboard - Excel   **Feb 2025 – Mar 2025**
- Built a dynamic dashboard using **PivotTables, Charts, and Slicers**.
- Tracked **sales trends, revenue growth, and top-performing products**.
- Enabled interactive exploration with advanced filtering options.

Library Management System - MySQL   **April 2025 – May 2025**
- Developed a **normalized database** to manage books, users, and loan details.
- Implemented **complex SQL queries** (multi-table JOINs, subqueries) for search, issue, return, and overdue tracking.
- Improved **query efficiency** for book borrowing cycles and reporting.

SellerPath – E-Commerce Funnel Analysis
Tools: Excel, SQL, Power BI | Domain: E-Commerce Sales Analytics   **Aug 2025 – Present**
- Designed and implemented an **end-to-end funnel analysis** (Browse → Cart → Checkout → Purchase).
- Developed **Power BI dashboards** with KPIs including **CTR%, Cart-to-Checkout%, Checkout-to-Purchase%, Funnel Drop-off**.
- Created **calculated measures** to track customer segment performance and detect conversion bottlenecks.
- Delivered insights that improved **forecast accuracy by 15%** through funnel optimization.
- Reduced reporting time by **40%** by automating dashboard updates.

Education

Madras University
Bachelor of Computer Science   **Mar 2020 – April 2023**
Prince Shri Venkateshwara Arts and Science College, Chennai   **Percentage: 90**
Relevant Coursework: Database Systems, Computational Theory, Computer Architecture.

Certifications & Interests

- HackerRank SQL (Basic and Intermediate) - Verified SQL proficiency.
- Data Analytics Course - Analytics Avenue (Data Wrangling, Visualization, Statistical Analysis).
- Gained hands-on experience in data wrangling, visualization, and statistical analysis to support data-driven decision-making.
- **Areas of Interest** : Data Analysis and Visualization.
- **Soft Skills:** Problem Solving, Adaptability, Stakeholder Communication, Presentation Skills.