Vinaykumar Chobari

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Summary

Data Analyst with 3+ years of experience in data cleaning, data wrangling, exploratory data analysis (EDA), statistical modeling, forecasting, and dashboard development. Skilled in SQL, Python, Power BI, Tableau, and Excel to support KPI tracking, reporting automation, and business intelligence initiatives. Proven ability to translate complex datasets into insights that drive operational efficiency, product optimization, and revenue growth.

Skills

Programming and Database - SQL Programming(PostgreSQL, MySQL), Python.
Analytics and BI Tools - Excel (Pivot Tables, Power Query), Power BI, Looker, Google Data Studio.
Python Analytics Stack - Pandas, NumPy, Jupyter Notebook.
Statistical Analysis – Regression Analysis, Hypothesis Testing, A/B Testing, Probability.
Cloud/ Big Data – AWS (S3, Redshift), GCP (BigQuery), Azure Databricks.
ETL / Data Engineering – Data Warehousing, ETL Pipelines, SSIS.
Business and Domain – KPI Development, Sales Analytics, Product Analytics, Revenue Forecasting.

Work Experience

NTT DATA North America, AI Data Engineer, Pune. (Aug 2022 – June 2025)

- Evaluated generative AI tools (GitHub Copilot, Continue) and documented findings for enterprise adoption under the **GenAI Tools Analysis Project**.
- Gained applied knowledge of LLMs (**GPT model families**), prompt engineering, inference behavior, and API-based integration workflows.
- Performed **EDA** on usage metrics (latency, accuracy, productivity) using **Python, Pandas, Jupyter**.
- Created structured documentation, comparison matrices, and technical reports for decision-making.
- Supported Global Repository compliance by automating metadata validation and audit checks using Python scripts.
- Conducted trend analysis to identify repository compliance gaps and reported KPIs using **Power BI**.
- Verified AI use cases and frameworks **(Axet Flows, CbN, Gaia, Plugin)** through log analysis, performance checks, and evaluation metrics.

Projects

Consumer Shopping Behavior Analysis | Sales Retail Data Analytics Project

- **Tools: Python (Pandas), SQL (PostgreSQL), Power BI, GitHub**
- Conducted end-to-end retail data analysis to identify customer segments, purchasing trends, and behavior patterns across demographics, product categories, seasons, and online vs. offline channels.
- Performed data cleaning, transformation, feature engineering, and EDA using Python to prepare transactional data for business analysis.
- Designed a relational data model and executed advanced SQL queries (joins, CTEs, aggregations, window functions) to analyze customer loyalty, repeat purchases, and purchase drivers.
- Built interactive Power BI dashboards visualizing KPIs, sales performance, customer lifetime behavior, and segmentation insights for stakeholders.
- Delivered data-driven insights and business recommendations to optimize marketing strategy, customer engagement, product assortment, and overall sales performance, with all assets maintained in GitHub.

Project link: github.com/vinaykchobari

Education

KLE Dr M S Sheshgiri College of Engineering and Technology, Belgaum (2018 – 2022)

- BE- Computer Science and Engineering. | CGPA − **7.8**/10

Achievements

- Awarded with **level 3 certificate in GenAI** by NTT Data Japan and Spain Office