

SHARATH SIVAKUMAR

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Objective

A detail-oriented and analytical Computer Science graduate with a strong foundation in Python, SQL, and data visualization. Passionate about solving real-world business problems through data-driven insights, ETL processes, and dashboard reporting. Eager to contribute to client-centric analytics projects in a collaborative, global environment by leveraging tools like Power BI, Tableau, and Excel. Committed to continuous learning, effective communication, and delivering high-quality, technology-enabled solutions.

Skills

- **Programming:** Proficient in Python for data analysis, automation, and scripting.
- **Data Analysis:** Experienced in data cleaning, transformation, and statistical analysis using Pandas, NumPy, and Matplotlib.
- **SQL Databases:** Skilled in writing SQL queries for data extraction, joins, and aggregation in MySQL and Oracle.
- **ETL Processes:** Hands-on experience performing ETL operations within Power BI using Power Query and DAX.
- **Data Visualization:** Proficient in building interactive dashboards and visual analytics using Power BI, Tableau, and Excel.
- **Tools Technologies:** Python, SQL, Power BI, Tableau, Excel, Git, VS Code, Jupyter Notebook.
- **Soft Skills:** Strong problem-solving, communication, stakeholder collaboration, and adaptability in dynamic environments.

Education

B.Tech in Computer Science

Viswajyothi College of Engineering and Technology, Vazhakulam

[2020-2024]

CGPA: 7.14

Relevant Experience

i-Datalytics

Data Analytics Intern (Onsite)

Sep 2024 – Jan 2025

- Designed and optimized SQL queries to extract and transform data for reporting and analysis.
- Assisted in data quality assurance and compliance checks, ensuring adherence to company standards.
- Built dashboards using Power BI and Tableau to visualize trends and provide actionable insights.
- Automated data reports using Advanced Excel, reducing manual work and improving efficiency.

Projects

Dialysis Analytics Dashboard

- Developed an interactive dashboard using Power BI to analyze patient demographics and treatment outcomes across facilities.
- Visualized key performance metrics to identify inefficiencies and improve operational decision-making.
- **Tools and Technologies:** Power BI, ETL, Data Cleaning, Data Visualization.

Customer Segmentation Dashboard

- Built a segmentation model using clustering techniques to group customers based on purchasing patterns.
- Enabled stakeholders to make data-driven marketing decisions through dynamic Python-based visualizations.
- **Tools and Technologies:** Python, Pandas, Matplotlib, Seaborn.

Interactive Tableau Dashboard for E-commerce Analysis

- Created an interactive dashboard to explore e-commerce KPIs including delivery delays, pricing, and customer feedback.
- Provided actionable insights for business teams through visual storytelling.
- **Tools and Technologies:** Tableau, Data Analysis, Data Visualization.

Bank Management System (SQL)

- Designed and implemented a relational database to manage core banking operations such as customer accounts, deposits, withdrawals, and transactions.
- Created normalized tables with proper constraints (primary keys, foreign keys) to ensure data integrity and reduce redundancy.
- Wrote complex SQL queries to perform account creation, balance updates, transaction history tracking, and reporting.
- **Tools and Technologies:** MySQL, SQL.

Certifications

Product Analytics, Pendo.io

Data Analytics with BI, Internship

Programming for Everybody-Python, Coursera

SQL (Advanced), HackerRank

Data Visualization using Power BI, Great Learning

Build your own Responsive Website, NxtWave

Data Analysis Bootcamp: Master Data Skills, Udemy

Additional Skills

- **Analytical Thinking:** Strong problem-solving skills with the ability to interpret data and provide actionable insights.
- **Communication:** Clear and professional written and verbal communication, including status reporting to stakeholders.
- **Collaboration:** Experienced in working with cross-functional and geographically dispersed teams in dynamic project environments.
- **Client Responsiveness:** Proven ability to meet project deadlines, respond to client needs, and resolve issues effectively.
- **Adaptability and Learning:** Quick to grasp new tools and technologies; committed to continuous learning and upskilling.