

SANGAYYA HIREMATH

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PROFESSIONAL SUMMARY

Aspiring Data Analyst | Proficient in SQL, Python, Tableau, Power BI | MS in Data Analytics

Analytical and results-oriented Data Analyst with 4.5+ years of experience at Tata Consultancy Services, delivering data solutions across four client accounts in healthcare, banking, insurance, and aerospace domains. Skilled in SQL, Python, Tableau, and Power BI, with a strong foundation in statistical analysis, ETL development, and business intelligence. Currently pursuing an MS in Data Analytics at Northeastern University to deepen expertise in advanced analytics and insight communication.

EDUCATION

Northeastern University | MS in Data Analytics

Boston, MA

Relevant Coursework: Intermediate Analytics, Database Management System, Tableau

Sep 2024 – Dec 2025

TECHNICAL SKILLS

- Programming & Visualization Tools:** SQL, Python (NumPy, Pandas, Matplotlib), R, Tableau, Power BI
- Cloud System & Databases:** AWS (S3, Athena, Redshift), Microsoft Azure, PostgreSQL, MS SQL Server
- Other Tools:** pgAdmin, dBeaver, PuTTY, Jenkins, Control-m, Bitbucket, GitHub, VS Code, Service Now
- Statistical & ML Techniques:** Regression, Classification, Hypothesis Testing, Predictive Modeling
- Soft skills:** Strong communicator, Data storytelling, Collaboration, Agile/Scrum, Problem-solving

CERTIFICATIONS AND COURSES

- Advanced Certificate Program in Data Science | IIITB** | Apr 2024 | Grade: 3.89/4
- SQL, Tableau and Power BI Course** | Udemy | Feb 2025
- Python for Beginners: Learn Python Programming course** | Udemy | Jul 2022
- Learning Excel course** | [LinkedIn](#) | Jul 2021

PROFESSIONAL EXPERIENCE

Tata Consultancy Services Bengaluru

Oct 2019 – July 2024

1) Account Name - Johnson and Johnson | Data Engineer

- Developed scalable **ETL pipelines with PostgreSQL and AWS Redshift** to support enterprise reporting and real-time analytics. These pipelines reduced manual data handling and **increased refresh speed by 40%**.
- Automated data cleansing, validation, and enrichment workflows**, enhancing data quality for supply chain decision-making. Improved data accuracy **helped reduce inventory discrepancies** across regions.
- Modified **Redshift tables** using SQL queries and joins based on requirements from the **data visualization** team.
- Maintained **CI/CD pipelines (Jenkins, Bitbucket, Control-M)** and translated technical outputs into actionable business stories. Ensured faster, **error-free deployments** aligned with agile delivery cycles.

2) Account Name - Standard Chartered Bank | PLSQL Developer

- Developed and **optimized SQL queries** for data transformation and reporting to support analytics use cases.
- Led the migration of critical assets from **IBM DB2 to PostgreSQL**, ensuring data consistency and performance optimization. Enabled seamless transition with thorough testing and validation.
- Collaborated with DBAs** and cross-functional teams to validate post-migration data accuracy and performance.
- Delivered optimized **SQL-based solutions to Agile teams** for business reporting and dashboarding initiatives.
- Explained **backend data logic to stakeholders**, supporting cross-team communication and iterative development.

ACADEMIC PROJECTS

- Chelsea Street Bridge Notification System (Python, FFNN Model, Tableau Dashboard)**
 - Developed models (FFNN, XGBoost) to **predict bridge lift timings** using vessel and schedule data.
 - Engineered features from **weather** data (sunrise/sunset, temperature), and achieved **77% prediction accuracy**.
 - Designed **dual dashboards (Tableau)** for **public alerts and internal use** with tweets and heatmaps.
- Connecticut Property Sales Trends Dashboard (Tableau)**
 - Developed an **interactive dashboard to visualize** regional trends in property sales using **dynamic KPIs**.
 - Automated data pipelines for scheduled updates** and embedded reporting dashboards for public access.
 - Integrated geographic and temporal filters**, enabling stakeholders to **analyze trends by county** and property type. **This enhanced user experience** and supported targeted decision-making.