

# SANGAYYA HIREMATH

Mobile: (857) 919-9310 | Brighton, MA 02135 | [hiremath.sa@northeastern.edu](mailto:hiremath.sa@northeastern.edu) | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## 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.