

SHARVANI RAMINI

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EDUCATION

MASTER OF SCIENCE IN ADVANCED DATA ANALYTICS | University of North Texas | Dallas, Texas |
AUG 2022-DEC 2023

BACHELOR OF ENGINEERING IN COMPUTER SCIENCE| Rishi M.S Institute of Engineering and
Technology | Hyderabad, India | **AUG 2018- MAY 2022**

SKILLS

Programming Languages: Python, R, SAS

Database: MySQL, MS SQL Server (T-SQL), Oracle (PL/SQL), NoSQL, SQLite

Cloud Platform: Amazon Web Services (AWS)

Tools and Services: Visual Studio, Eclipse, SSRS, SSMS, SSIS, Excel, Power BI, Tableau, ELK, Jupyter Notebook,
ServiceNow, Dynatrace, ArcGIS, SAS Visual Analytics

PROFESSIONAL EXPERIENCE

DATA ANALYST INTERN | LTIMindtree , Hyderabad , India | JAN 2022 – MAY 2022

- Wrote complex ad-hoc **SQL queries** involving correlated subqueries, **window functions**, and common table expressions to track user activity metrics such as retention rate and daily active user. Optimized existing queries to run faster on large datasets.
- Created and maintained **SQL server databases** and created pipelines using user-defined functions and **stored procedures** for daily reporting tasks.
- Built dashboards in **Tableau** and presented data to track **KPIs** and product performance using data from various sources such as **MS Excel, SQL Server, My SQL, and Oracle**.
- Spotted and analyzed trends in user activity data, identify underperformed user segmentation reported insight to stakeholders.
- Designed **metrics** for creating dashboards in **Tableau** to monitor test processes and analyze test results.
- Performed complex data analysis using **SQL** for database queries and cleaned up over 200k records of customers, saving manual efforts by more than 70%.
- Developed **Python** scripts to automate data validation and data cleaning processes such as deduplicating and checking data, improved accuracy by 20%.

DATA ANALYST INTERN| Basicline Consultancy, Hyderabad, India | APR 2019 – AUG 2021

- Perform **Data Analysis** and **Data profiling** using complex **SQL** on source systems, including **MS SQL Server**.
- Build and publish customized interactive reports and dashboards using **Tableau**.
- Execute **SQL queries** to access and analyze data from the **relational database** for data modeling and reporting.
- Created the Business metric **KPI (Key Performance Indicator)** to evaluate factors for different modules.
- Generate comprehensive analytical reports by running **SQL queries** against current databases to conduct data analysis.
- Prepare the data rules spreadsheet using **MS Excel** that will be used to update allowed values, findings, and profiling results.
- Wrote SQL queries on data staging tables and **Data Warehouse** tables to validate the data results.
- Reduced the effort and complexity to 80% in troubleshooting data-related issues.

ACADEMIC/ PERSONAL PROJECTS

Projects:

SAS Visual Analytics Dashboard:

- Designed dashboards and reports in SAS visual analytics which contain advanced data items like calculated items and aggregated measures.

Winning Team Prediction:

- Developed a project on Machine learning that creates a supervised machine learning algorithm that predicts the winning team in the European soccer league.

HR Database:

- Designed HR data base from scratch for a company using MySQL including creating business rules, ERD for data base.
- Solved various problems related to hiring, performance, termination etc., using complex SQL queries.

Text Mining :

- Performed text mining on e-commerce clothing review data set to gain insights on reviews using Rapid Miner.
- Enhanced clothing sales prediction for e-commerce website by using K-means clustering, association rules and correlation analysis.