

Aparna Darapaneni

Data Analyst | Buffalo, NY | 716-612-0826 | aparna.darapaneni14@gmail.com | <https://linkedin.com/in/aparna-darapaneni>

WORKEXPERIENCE

FLEXTRONICS TECHNOLOGIES INDIA PRIVATE LIMITED | Data Analyst | Aug 2021 – Apr 2023

- Collaborated in a cross-functional Information Technology team to manage the BO-EOL data migration project for Business Objects and migrated 1000+ active reports for global clients.
- Performed Business Logic Automation using Software Tools like VBA in Excel, to automate the base view name creation for multiple base views, significantly improving efficiency by 70%.
- Utilized Cloud Services such as Denodo for scalable and secure data management solutions.
- Engineered multiple data models to transform BO reports into executable Denodo views and retire SAP Business Objects.
- Trained site users to convert 1000+ active BO reports to executable business views in Denodo including complex reports for Penang, Malaysia with positive energy and engagement.
- Demonstrated enthusiasm to automate SFE VQL, leveraging my intellectual curiosity and ambition.
- Gathered and translated Business Requirements into technical specifications for Python automation script and documented those requirements for development.
- Developed and tested a Process Optimization Python script to automate conversion of Denodo VQL to Denodo Snowflake (SFE) VQL saving around 60% of the Potential time required for conversion by site users.
- Designed 100+ schedules for converted Business Objects reports using a scheduler in Denodo.
- Handled Data Quality Management and integrity in migrated reports by performing thorough validation and testing.
- Earned Credibility by gathering customer feedback and taking Ownership of converted reports moved to Denodo production.
- Developed interactive Data Visualizations using Tableau and Power BI to Monitor Performance.

FLEXTRONICS TECHNOLOGIES INDIA PRIVATE LIMITED | Data Analyst | May 2021 - Jul 2021

- Assisted in the Cloud Service migration project from Teradata to Snowflake, ensuring a smooth transition.
- Enhanced communication skills through regular interactions with stakeholders, ensuring clear understanding of project goals and requirements.
- Developed shell scripts for data loading from Teradata to Amazon S3 and from S3 to Snowflake, supporting efficient Data Pipelines.
- Monitored Data Quality and performed validation checks to ensure accuracy and consistency in migrated data.

PROJECTS | Dec 2023 - May 2024

- Biases in credit risk prediction, Random Forest being more accurate and reliable than Naïve Bayes, Neural Networks, and Logistic Regression reduce overfitting and improving accuracy.
- Developed multiple **Dashboards** and a **storyboard** for Bookshop dataset for publisher **stakeholder** using **Tableau** as part of **Data visualization** coursework.
- Developed custom GPT and SharePoint website for Serotte law firm using Co-pilot Studio and Microsoft Power Platform.

CORE SKILLS

Analytics tools – Tableau, Power BI, Advanced Excel, SAP Analytics Cloud, Looker Studio, Alteryx.

Database Technologies - SQL, MYSQL, SQL Server, Microsoft Access, Oracle, Data Warehouse, Data Engineering.

Data Analysis tools - Python, Pandas, NumPy, Matplotlib, Seaborn, Machine Learning Algorithms.

Cloud and Virtualization Technologies - Denodo, Salesforce, CRM, SharePoint.

EDUCATION

University at Buffalo | Master's | Management Information Systems (MIS) | STEM | **June 2024**

Anna University | Bachelor of Engineering | Computer Science | **June 2021**

CERTIFICATES

Statistics, Data Warehousing, Looker Studio, SAP Analytics, Alteryx, Google Data Analytics Professional Certificate, Data Science with Python, Lean Six Sigma Green Belt.

