ABY CYRIAC

806 Bering Drive, Arlington, TX - 76013 | +1 (430) 280-9738 | abycyriac96@gmail.com | **GitHub** | **LinkedIn** | **Portfolio**

PROFILE

Experienced data analyst with strong leadership, communication, and interpersonal skills. I am actively seeking an opportunity to demonstrate my data science skills in a growing company looking to effectively utilize their data to provide statistical information more adeptly to their clientele. Open, flexible, and enthusiastic to adapt to new technologies. Best suited for a challenging position demanding technical expertise and management skills. **US Permanent Resident(Green Card) and willing to relocate within the USA.**

EXPERIENCE

ADT, Irving, TX
Senior Analyst   August 2021 - Present
- Designed a new database in Oracle that helps the team to build reports more efficiently and with simpler SQL queries
- Actively conduct meeting with different stakeholders to design new data pipelines and to increase the performance of existing ones
- Creat national sales performance reports using SQL and PowerBI for different stakeholders
- Helped the team to transfer existing reports in PowerBI to Tableau dashboards and tweaked SQL queries which reduced the data pull time of Big Data by approximately 25%

Labeaud Labs, Dallas, TX
Data Analyst, Consultant   August 2020 - Present
Data Analyst Intern, Team Lead   May 2020 - August 2020
- I am leading a team of five to implement Tableau dashboards and reports for the client's boiler plants
- Created dashboards that can be used easily to monitor the daily status and natural gas usage by the boilers in multiple locations across Texas using Python, SQL, and Tableau
- Bridged the gap between the technical experts and the executive board members by presenting the intelligence derived from real-life data to the company through PowerPoint slides

Trane Technologies, Tyler, TX
Control Diagnostics Algorithm Engineer, Co-op   February 2021 - August 2021
- Created a neural network model to accurately predict the filter change in the HVAC units using TensorFlow
- Created machine learning models to predict the cooling capacity for HVAC units using Python and Alteryx
- Analyzed big data over a live connection to Vertica database and made dashboards using Tableau and SQL
- Actively participated in the scrum meeting and used the Jira dashboard for project tracking

EDUCATION

Master's Degree, Computer Science   June 2019 - December 2021(expected)
University of Texas, Arlington, TX
GPA: 3.7
Projects: Deployed Web Apps and Data Analysis Dashboards on Amazon Web Service (AWS).

Bachelor's Degree, Mechanical Engineering   July 2014 - May 2018
TKM College of Engineering, Kerala, India

TECHNOLOGIES: Python, Jupyter, SQL, Tableau, Statistics, MS PowerBI, Alteryx, Agile, Machine Learning, Deep Learning, Oracle, Snowflake, AWS, MySQL, NLP, TensorFlow, Numpy, Probability, Pandas, Django, Flask, Scrum, Excel, Java, Javascript, CSS, SQLite, C++.