Priyanshi Deliwala

646-243-8247 ✉ priyanshi@gwu.edu 🔗 https://www.linkedin.com/in/priyanshi-deliwala/

Education

George Washington University August 2022 - May 2024
Master of Science in Information Systems Technology *Washington, DC*
- Major: Graduate Certificate in Artificial Intelligence
- Web Application, Programming in Python and R, Social Network Analytics, Data Mining, Foundations of AI, Business Application of AI, Data Analytics, Relational Database(SQL)

Ahmedabad University August 2017 - May 2021
Bachelor of Technology in Information and Communication Technology *Ahmedabad, India*
- Data Analytics and Visualization, Machine Learning, Advanced Data Structures and Algorithm

Technical Skills

Languages: R, Python, NoSQL, SQL, HTML, CSS, JavaScript, C/C++
Libraries: Numpy, Pandas, Matplotlib, Plotly, Seaborn, Scikit-Learn, PySpark, PyTorch, Keras, TensorFlow, Tidyverse, Flask
Tools and Frameworks: Excel, Salesforce CRM, AWS EC2/S3/Lambda, MongoDB, Tableau, PowerBI, Git, Airflow, Jira, Hadoop, Databricks, Streamlit, Snowflake, Apache Spark, React.js, Node.js, Azure, RapidMiner, Visio, Shiny, DynamoDB

Experience

Patient-Centered Outcomes Research Institute(PCORI) June 2023 - Present
Data Analyst Intern *Washington, DC*
- Utilized Salesforce CRM to manage customer interactions and enhance data organization and automation
- Expertly employed SQL and advanced Excel functions to clean, transform, and analyze large datasets, leading to data-driven decisions that boosted customer satisfaction by 25%
- Established processes using process mapping software (MS Visio) to improve daily operations, performance and deliver universal understanding for complex processes
- Utilized advanced Excel functions to integrate and analyze 2000+ applicants data records for better decision making
- Created a comprehensive dashboard for commitment-totals that reduced time taken for merit reviews by 20%
- Applied Azure SQL and data engineering methodologies to execute modifications within the data pipeline, facilitating the editing and cleansing of data using Snowflake

Solvative January 2021 - July 2022
Software Engineer *Ahmedabad, India*
- Led the implementation of database design, developed backend modules, and crafted RESTful APIs in AWS ECS, significantly reducing the execution time of existing APIs by 30%
- Spearheaded the design and implementation of the data collection component on AWS, utilized serverless services including Step Functions and Lambda ensuring robust and scalable agile performance
- Created a custom React library and utilized Storybook to encapsulate frequently used UI elements
- Managed cloud infrastructure for Slack bots, implemented CI/CD Jenkins pipelines for web applications, and maintained up-to-date documentation to ensure swift adaptation to new release versions

Projects

Streaming Revenue Prediction and Popularity Analysis | *R, PowerBI, Shiny, RapidMiner* February 2023 - April 2023
- Constructed regression models to enhance revenue prediction for streaming platforms, increasing accuracy by 50%
- Created an interactive dashboard to drive insights on what has an impact on video's popularity, revenue, subscription and compare ROC's for KNN, Linear Regression and SVM models

Grocery Database Design | *Tableau, SQL, MS Visio* October 2022 - December 2022
- Planned analytics process from evaluating data quality by identifying benchmarks, extracting, and modifying nearly 3000 customer data from MS SQL Server
- Designed stored procedure in SQL to execute weekly data transferring, which saving time of 40% on weekly basis and reducing server memory usage

Career Guidance System | *React.js, Django, MySQL, MongoDB, AWS EC2* January 2020 - May 2020
- Created a web application designed to empower students in exploring and qualifying potential education options aligned with their areas of interest, providing personalized career guidance and insights
- Integrated open source middle-ware to handle and serve all REST API requests and hosted on AWS EC2 instance
- Loaded data into SQL database in pre-staging and staging area from web interface AWS S3 bucket