BHARATHI SUDHA DURGIRALA

DATA ANALYST

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EXPERIENCE

Texas State University, San Marcos, TX   **May 2024 - Present**

Graduate Assistant - Internal Funding Specialist

- Managed and analyzed 10,000+ scholarship and funding records using Excel and SQL, achieving 99% data accuracy.
- Enhanced data validation checks through Python scripting, reducing funding report errors by 20%.
- Automated repetitive data entry and tracking processes using Python and VBA, improving operational efficiency by 25%.
- Designed interactive financial tracking dashboards using Excel and Power BI, improving report accessibility for administrators.

Sutherland Global Services, Chennai, India   **Mar 2023 - Jul 2023**

Customer Insights Analyst

- Analyzed 200+ customer service inquiries weekly using Excel and SQL, achieving a 95% success rate in resolving OTT platform issues.
- Identified recurring complaint trends using root cause analysis, reducing repeat issues by 15%.
- Developed automated reports using Excel Macros and Power Query to monitor service response times, enhancing efficiency and decision-making.

Accenture, Bengaluru, India   **Oct 2021 - Nov 2022**

Junior Data Analyst

- Developed 10+ interactive dashboards using Power BI and DAX, streamlining data visualization and reducing reporting efforts by 40%.
- Optimized data models and query logic using Power Pivot and SQL, reducing report execution time by 35%.
- Increased data accessibility for 20+ stakeholders by building end-to-end data pipelines using Power Query and SharePoint integration.
- Led root cause analyses for data discrepancies using Excel and SQL, reducing data errors by 30%.
- Built custom data connectors using Power Query to automate cross-platform data integration.

EDUCATION

Texas State University, San Marcos, TX   **Expected in May 2025**

M.S. in Data Analytics & Information Systems (3.89 GPA)

SKILLS

Programming & Data Analysis: Python (Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn), SQL (MySQL, PostgreSQL, Snowflake), Google Sheets, Git/GitHub

Data Visualization: Power BI, Tableau, Looker, Excel (Pivot Tables, VLOOKUP, Conditional Formatting, Macros)

ETL & Data Engineering: DBT (Data Build Tool), Apache Airflow, Power Query

Big Data & Cloud Platforms: AWS (Redshift, Quicksight, S3), Google BigQuery, Databricks, Apache Spark, Docker (Basics), MongoDB (Basics)

Machine Learning (Fundamentals): Scikit-learn, TensorFlow (Introductory), Data Preprocessing, Model Evaluation

Tools & Other Technologies: Microsoft Office Suite (Excel, Word, PowerPoint), Visual Studio Code, Jupyter Notebook, VS Code, Notion

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CERTIFICATIONS

AWS Certified Cloud Practitioner   **Apr 2025**

Microsoft Certified: Power BI Data Analyst Associate   **Apr 2025**

Google Data Analytics Professional   **Mar 2025**

HONORS

TXST Graduate Merit Fellowship Award 2023-24   **Oct 2023**

PROJECTS

Tesla Stock Price Prediction & Automated Forecasting - Coursera   **Mar 2023**