SOUMYA PITTALA

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SUMMARY

Detail-oriented **Data Analyst** with **2 years of experience**, skilled in data visualization, database management, and analytics. Proficient in **Power BI, Tableau, Python, SQL**, and **Excel**. Proactively seeking data analyst opportunities to harness data-driven insights, drive strategic decisions, and fuel business growth.

EDUCATION

M.S, Information Technology — Dec 2024
Arizona State University, Tempe, AZ — 4.00 GPA
Relevant coursework: Big Data Analysis, Data Visualizing & Reporting, Advanced Database Management System.

B.Tech, Computer Science and Engineering — Jul 2021
Jawaharlal Nehru Technological University, Hyderabad, India — 3.82 GPA
Relevant coursework: Data Mining, Python Programming, Operating Systems and Software Engineering.

TECHNICAL SKILLS

Programming Languages and Cloud: Python, Java, HTML, CSS, JavaScript, C, C++, AWS, Azure.
Data Manipulation and Analysis: SQL, Excel, Python (pandas, NumPy), R, VBA, Macros.
Data Visualization and Tools: Tableau, Power BI, ALteryx, Quicksight, Jupyter Notebook.

PROFESSIONAL EXPERIENCE

Data Processing Analyst: Arizona State University, Tempe, AZ — May 2024 - Dec 2024
- Led a **15-member** team to optimize processing workflows, improving **data entry efficiency** by 30% and accuracy.
- Processed and validated over **500 transcripts weekly** using **SQL queries** and **Excel functions**, ensuring **99.5% data accuracy** in the student records system.
- Analyzed key performance metrics using **Power BI** to identify workflow inefficiencies and ensuring compliance.

Data Analyst: Accenture, Hyderabad, Telangana — Jan 2021 - Dec 2022
- Designed and developed interactive dashboards and reports using **Power BI** and **Tableau**, enabling real-time data visualization and driving informed business decisions.
- Conducted statistical analysis using **Python** and **Excel** to identify patterns, trends, and actionable insights.
- Optimized **SQL** queries and **ETL pipelines**, enhancing processing efficiency by **86%** and contributing to a **5% revenue growth** through collaboration with a **35-member** cross-functional team.
- Recognized with the **'Sparkling Star Award'** for delivering exceptional support and enhancing accuracy.

ACADEMIC PROJECTS

Customer Lens Analytics — Fall 2024
- Analyzed data from over **10,000 customer interactions** using **MySQL** to identify key metrics on user activity, course completion, and engagement patterns, driving actionable insights.
- Developed **5 interactive Tableau dashboards** to visualize trends such as loyalty and churn, while optimizing SQL queries to improve processing time by **20%**.

Expense Tracker Dashboard — Spring 2024
- Designed and implemented **dynamic visualizations** in **Power BI** and **Excel** to thoroughly analyze financial data, tracking spending habits and identifying cost-saving opportunities across a **4-year** period.
- Created a variety of visualizations, including **line charts, bar charts**, and **pie charts**, to effectively highlight key trends and insights, empowering stakeholders to make informed, data-driven decisions for financial management.

CERTIFICATIONS

- **AWS Certified Solutions Architect – Associate**, Amazon Web Services (AWS)
- **Microsoft Certified: Power BI Data Analyst Associate**, Microsoft
- **Alteryx Designer Core Certification**, Alteryx
- **Microsoft Power BI Data Analyst**, Coursera