AISHWARYA BALURI

LinkedIn | aishwaryabaluri10@gmail.com | GitHub (Ready to relocate within the USA)

SUMMARY

Results-driven Information Systems professional with 3+ years of expertise in **Power BI, SQL, Python, and User Acceptance Testing (UAT)**. Proven track record in developing interactive dashboards, optimizing ETL processes, and enhancing data accuracy, leading to significant improvements in operational efficiency. Skilled at transforming complex data into actionable insights, I am committed to delivering high-impact solutions that drive business success. Recognized for a strategic approach to data management and cross-functional collaboration, I bring precision, innovation, and a deep commitment to excellence in every project.

EDUCATION

Master of Science in Information Systems (STEM) | GPA: 3.94   **JAN 2023 – DEC 2024**
Saint Louis University   **Saint Louis, MO**

B-Tech in Computer Science and Engineering   **JUNE 2017 – JULY 2021**
Nalla Narasimha Education Society Group of Institutions   **Hyderabad, India**

EXPERIENCE

Excelerate | Project Lead Intern   **JUNE 2023 – JULY 2023**

- Developed automated, comprehensive reports in Power BI, utilizing ETL methodologies to extract, transform, and load complex marketing data, ensuring consistent and seamless data flow.
- Designed interactive Power BI dashboards with dynamic visualizations to highlight key marketing trends, enabling data-driven strategic decisions.
- Optimized Power Query workflows to improve data integration efficiency and accuracy, boosting ETL performance and delivering reliable, actionable insights.

Environment: Power BI, Power Query, SQL Server, Excel

Xyenta Solutions | Power BI and SQL Developer | India   **JUNE 2021 – FEB 2022**

- Developed and optimized interactive Power BI dashboards for end-users, enabling data-driven decision-making and increasing report generation speed by 20%.
- Integrated and transformed data from multiple sources (CSV, Excel, SQL, SharePoint, Python) to streamline claim processing and risk analysis, enhancing data reliability and accuracy.
- Applied advanced DAX queries to deliver actionable insights, resulting in a 20% improvement in data processing performance.
- Collaborated with cross-functional teams to improve data collection, reducing report development time by 25% and accelerating insurance portfolio analysis.
- Enhanced ETL workflows using SQL and Python, improving data accuracy and operational efficiency across insurance datasets.

Environment: Power BI, DAX, SQL Server, Excel, JIRA

Xyenta Solutions | User Acceptance Tester | India   **MARCH 2022 – DEC 2022**

- Conducted user acceptance testing to verify that developed systems met business clients' needs as outlined in the functional requirements, ensuring alignment between product functionality and user expectations.
- Utilized Power Automate to streamline test processes and Jira for defect tracking and test case management, facilitating efficient issue tracking and resolution.
- Proficient in SQL and Python for test automation and data validation, enhancing testing accuracy and efficiency.
- Documented detailed bug reports and collaborated with development teams for swift issue resolution, strengthening product quality and reliability.

Environment: Aggresso, Power Automate, Jira, SQL, Python, Documentation (MS Word, Confluence)

PROJECTS

Data Management Project | Join Hands ESL Inc | Team Lead   **JUNE 2023 – SEP 2023**

- Engineered a dynamic data management solution in Power BI to streamline volunteer and participant tracking, enhancing reporting efficiency by 25%.
- Designed and deployed interactive, real-time Power BI dashboards, delivering actionable insights that empowered stakeholders to monitor participant trends and assess program outcomes effectively.
- Optimized data integration with advanced SQL queries, ensuring precise, scalable data management and seamless data updates for improved accuracy and operational efficiency.

Environment: Power BI, SharePoint, SQL Server, Excel, Power Query

SKILLS

Technical Skills: Oracle SQL, HTML, CSS, JavaScript, C, Python, Power Query, C++ (Basics)
Analytical Skills: Data cleaning, preparation, and visualization; extracting insights and identifying trends from complex datasets
Tools: PyCharm, Unit Testing, GitHub, JIRA, Figma, DBMS, Software Development Design
Microsoft Tools: Excel, Word, Power Point, Teams, Outlook, Visual Studio IDE, Microsoft Project, Power BI, Power Automate, Azure Data Studio, SSMS, SSIS

CERTIFICATIONS

- Analyzing and Visualizing Data with Microsoft Power BI
- Responsive Web Design
- PPL: Python Programming Language

ACCOMPLISHMENTS

- Awarded a **$2000 scholarship** for outstanding leadership and project impact.
- Commended for designing interactive Power BI dashboards that significantly improved data management and decision-making.
- Recognized for **exemplary project documentation** with exceptional clarity and attention to detail, enhancing communication and understanding.