

Bhumika M

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OBJECTIVE

Results-driven Data Analyst with 4 years of expertise in data analysis and Power BI development. Proficient in data manipulation, visualization, and deriving valuable insights to drive informed business decisions. Adept at sourcing, cleaning, and transforming data from diverse sources, ensuring accuracy and data integrity. Strong expertise in SQL and Python for data manipulation and analysis. Committed to delivering actionable reports and optimizing data retrieval for enhanced data-driven strategies. Seeking a challenging role to leverage my expertise and contribute effectively to data-centric projects, adding value to analytical capabilities.

EXPERIENCE

BI Developer and Data Analyst
L&T Technology Services, Mysore.

2019 - Present

- Spearheaded interactive Power BI dashboard, report, and visualization development, driving data-driven decisions. Expertly sourced and transformed diverse data sources with precision, ensuring utmost integrity and accuracy.
- Conducted rigorous data analysis, revealing critical trends, patterns, and anomalies for strategic initiatives. Optimized SQL queries and database performance, accelerating data retrieval and analysis speed.
- Collaborated cross-functionally, delivering customized analytical solutions. Upheld high data quality standards, ensuring accuracy and reliability.
- Provided actionable recommendations, influencing organizational success.
- Conducted impactful user training sessions, empowering teams with self-service analytics and elevating data literacy.
- Recognized as "Best Employee of the Year 2022," securing customer ratings above 4.5.

SKILLS

Microsoft Power BI, Tableau, SQL, SSMS, HIVE, Python, Data Analysis, Data Modelling, Data cleaning, Predictive analysis, Statistical analysis, DAX, Reports, Charts, Graphs, Data Transformation, Dashboards, Interactive Visual Reports, Key Performance Indicators (KPIs), Decision-Making Support, ETL, Analytics skills, HTML, CSS, JavaScript, Selenium, Pytest, POM framework, Manual Testing, Automation testing, Azure Devops, Git, Presentation, Project Documentation, End user Training, Problem solving, Critical thinking, Communication & Interpersonal skills.

PROJECTS

ASSET DATA INSIGHT

- Engineered a remote monitoring module for Escalator/Elevator/moving walkways, detecting mechanical faults in Motor, Handrail, and other components, enhancing Ride Quality, and optimizing maintenance processes.
- Leveraged Azure functions to automate data loading from IOT Hub to Cosmos DB in JSON format. Employed Serverless SQL pools with Synapse Link to analyze NoSQL data in Cosmos DB, enabling data-driven insights.
- Oversaw the end-to-end data pipeline from data cleaning to data visualization, ensuring seamless data flow.
- Created comprehensive end-user and technical specifications documents for streamlined project execution.
- Conducted rigorous unit testing as an integral part of the development lifecycle.
- Tech Stack: Azure, Azure Functions, IOT Hub, Cosmos DB, Synapse Link, JSON, Data Visualization.

ASSET HEALTHCARE SOLUTION 2

- Innovated an Asset Health Care Dashboard using Power BI to monitor Asset Performance and reduce unplanned downtime.
- Constructed impactful reports in Power BI desktop, incorporating various measures and advanced DAX features for enhanced data analysis.
- Implemented Row Level Security in Power BI Report Server to safeguard sensitive data access.
- Mentored and trained a team of four in BI techniques, empowering them in data analysis, report creation, and data visualization.
- Developed precise test cases for positive and negative scenarios, executing baseline testing and generating insightful reports.
- Tech Stack: Power BI, DAX, Row Level Security, Data Analysis, User Acceptance Testing.

ASSET HEALTHCARE SOLUTION 1

- Implemented Asset Health Care Dashboard and Interactive visual reports using Tableau to monitor the asset performance and reduce unplanned downtime or failure of an asset, which resulted in an overall improvement of 20%.
- Designed advanced Tableau dashboards, incorporating quick/context/global filters, parameters, and calculated fields for enriched user experience.
- Amplified test coverage by 50%, identifying and reporting defects to enhance the Asset Health Care solution's reliability by 20%.
- Collaborated closely with developers and software engineers to optimize performance, usability, scalability, and security aspects.
- Led the development and implementation of comprehensive test plans, test cases, and manual testing dashboards.
- Orchestrated application build and deployment using Azure boards, Epics, Work Items, User Stories, and Tasks, aligning with Continuous Development, Continuous Integration (CI), and Continuous Deployment (CD) best practices.
- Tech Stack: Tableau, Data Visualization, Test Plans, Azure Boards, Continuous Development, Continuous Integration (CI), Continuous Deployment (CD)

EDUCATION

B.E in Computer Science Engineering.

GSSS Institute of Engineering and Technology for Women, Mysore - 2019

CERTIFICATION

- **Power BI Virtual Case Experience by PWC**
 - Forage provides Virtual work experience program that gives opportunity to learn career skills from fortune500 companies.
 - I have completed the certification of PowerBI Virtual Case Experience with "PWC Switzerland". Throughout the course, I gained expertise in various aspects of data analysis, including data cleaning, modeling, and dashboard creation. Specifically, I developed **three distinct dashboards: the "Call Centre Trends Dashboard"**, which provides insights into customer and agent behavior; the **"Customer Retention Dashboard"**, which displays customer demographics and insights; and the **"Diversity & Inclusion Dashboard"**, which visualizes gender balance in the executive suite.
- Google Data Analytics by Coursera.
- Microsoft Power BI – a complete introduction.
- Tableau 10 A-Z: Hands-on Tableau training for Data science.
- Microsoft certified: Azure Fundamentals.