

## SUSHMA B

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**OBJECTIVE:** Organized and detail-oriented Data Analyst with **4 years** of experience in Business Intelligence and Data Analytics, specializing in Tableau, Power BI, SQL, Python, and cloud platforms like AWS and Azure. Strong background in data modeling, ETL processes, and interactive dashboard development. Seeking to contribute to data-driven decision-making and support business success through insightful analytics.

### EDUCATION:

#### **Master of Science in Computer Science**

Wichita State University, KS, USA.

Jan 2020 - May 2021

**GPA 3.7/ 4**

**Coursework:** Introduction to database systems, Data Science, Software analysis methods, Image analysis and computer vision, Machine learning, Artificial Intelligence, Advanced Analysis of Algorithms.

#### **Bachelor of Computer Science and Engineering**

Jawaharlal Nehru Technological University (JNTUH), Hyderabad, India.

Jun 2015 -May 2019

**GPA 3.5/4**

**Coursework:** Data Structures, Operating Systems, Database Management Systems, OOPS, C, Python

### CERTIFICATIONS:

1.AWS Cloud Practitioner

2.Power BI Data Analyst Associate

### TECHNICAL SKILLS:

**Business Intelligence & Reporting tools:** Tableau, Power BI

**Cloud Technologies:** Azure, AWS, Snowflake

**Packages:** MS Office (Word, Excel, PowerPoint, MS SharePoint )

**Databases:** Oracle DB, MS SQL Server, DB2, MS Access, MySQL, PostgreSQL

**Scripting languages:** SQL, Python

**ETL Tools:** AWS Glue, AZ Datafactory

**Data warehouses:** Redshift, snowflake

### PROFESSIONAL EXPERIENCE:

#### **Intelligenie LLC**

##### **Project 1:Tableau Developer ,USAA ,San Antonio, TX**

**01/2025 to Til Date**

- Built interactive dashboards with charts, KPIs, trend lines, and tables for business users across Sales, Operations, and Finance.
- Connected Tableau to **Snowflake, SQL Server**, and **Excel**, using both live and extract connections.
- Created calculated fields, table calculations, and **Level of Detail (LOD)** expressions to implement business logic.
- Designed filters, parameters, and dashboard actions to enable drill-down and interactivity.
- Used Tableau Prep for data cleaning and shaping before loading into Tableau.
- Published dashboards to Tableau Server, set row-level security, and scheduled data refreshes.
- Collaborated with stakeholders to gather requirements and iterate dashboard design based on feedback.
- Optimized dashboards for performance by minimizing data granularity, using extracts, and simplifying logic.
- Ensured data governance by documenting definitions and maintaining version control.
- Delivered **ad hoc analysis** and visual stories for leadership presentations.

##### **Project 2: Power BI Developer (Data Analyst), AT&T**

**07/2024-12/2024**

- Participate in Agile ceremonies and collaborate with cross-functional teams.
- Used **VLOOKUP, Pivot Tables**, and complex formulas for data analysis and reporting.
- Extract data from various sources, including Excel, sharepoint and internal sources(Cohort Dashboard).
- Clean and prepare raw data, handling missing values, duplicates, and outliers.
- Apply transformations to data using relevant **Power BI**.
- Develop and maintain efficient ETL processes to transform and load data.
- Design and develop data models using suitable schemas.
- Write **SQL** queries to fetch data for reports and dashboards.
- Implement row-level security to restrict data access based on user roles.
- Publish reports for organizational access, set up scheduled data refreshes, and ensure proper access controls and permissions.
- Maintain and support Power BI reports and dashboards, ensuring proper documentation.
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##### **Project 2: Power BI Developer , CVS Pharmacy**

**04/2023-06/2024**

- Collaborated in Agile teams and cross-functional meetings to deliver analytics solutions tailored to business requirements.
- Gathering and Analyzing requirements of clients, understand and convert them into database solutions with solid exposure to analysis, design, testing, development, deployment, documentation & implementation.

- Developed data reconciliation **SQL queries** to validate the overall data migration
- Created **measures, calculated columns** and performed **time series analysis** using **DAX** in Power BI
- Effectively used data **blending, filters, actions**, and **hierarchies** feature in Power BI.
- Created different **chart types** and **drill down** reports.
- Participated in the configuration of on-premises Power BI gateway to refresh datasets of Power BI reports and dashboards.
- Involved in defining report layout in SSRS. Created complex stored procedures for reporting
- Developed dynamic Power BI dashboards with **drill-down** functionality, showcasing KPIs and business performance metrics for executive leadership.
- Applied **DAX measures**, calculated columns, and transformation logic in Power BI to enhance reporting capabilities and business insights.
- Implemented **Row-Level Security (RLS)** and role-based access control to enforce data governance and confidentiality.
- Scheduled data refreshes, configured report subscriptions, and set up alerting systems within Power BI Service for real-time monitoring.
- Embedded Power BI reports within **SharePoint Online** sites for broader team visibility and secure, centralized access.
- Connected Power BI to **SharePoint lists and libraries** as a data source for real-time tracking and reporting of internal workflows.

#### **Dataflake LLC, Ascena Retail group**

**12/2022 - 03/2023**

##### **Tableau Developer**

- Developed and maintained **Tableau** dashboards to visualize KPIs, trends, and outliers across sales, marketing, and operations, and created similar reports in **Power BI** using DAX and Power Query.
- Designed and implemented complex calculations, sets, parameters, and **LOD (Level of Detail)** expressions in **Tableau**, enabling dynamic filtering, **drill-down** functionality, and interactive user experiences.
- Integrated data from **Snowflake** and **AWS S3**, building Snowpipe to automate data loading into **Snowflake** tables when new files are added to S3.
- Utilized **SQL** within **Tableau** and **Power BI** to optimize data retrieval, enhance dashboard performance, and integrate **REST API calls** for real-time data enrichment.
- Implemented **row-level security**, user filters, and permissions in **Tableau** and **Power BI** to ensure data confidentiality and regulatory compliance.
- Scheduled data extracts, implemented incremental refreshes, and set up **data-driven alerts** to proactively monitor performance metrics.

#### **Teknexpert LLC**

**07/2021 - 11/2022**

##### **Tableau Developer**

- Developed and published advanced Tableau reports using calculated fields, table calculations, and parameters to provide actionable insights.
- Designed interactive dashboards with hierarchies, sets, and data blending to improve user experience and data exploration.
- Implemented drill-down and drop-down menu features, allowing users to explore data at various granular levels and customize their views.
- Integrated Tableau with Snowflake and AWS services (S3, Redshift) for efficient data retrieval, transformation, and visualization.
- Wrote complex SQL queries to extract and transform large datasets from Snowflake, optimizing data processing for Tableau reporting.
- Leveraged **AWS S3** for storing large datasets and **AWS Redshift** for scalable data warehousing, enhancing Tableau dashboard performance.
- Published dashboards and reports to **Tableau Server**, ensuring accessibility for authorized users and teams.
- Managed **users, groups, projects, workbooks**, and set appropriate permission levels for **Tableau Server logons** and security checks to control access and ensure data security.

#### **Hudda Infotech Private Limited, India**

**02/2019-12/2019**

##### **Junior Data Analyst**

- Collected, cleaned, and analyzed large datasets to identify key trends and actionable insights.
- Developed interactive dashboards in Tableau and Power BI, enabling real-time data visualization and improving reporting efficiency.
- Automated data extraction and reporting processes using SQL, Excel (VLOOKUP, IF conditions), and Power BI, reducing manual effort by 70% and accelerating decision-making.
- Conducted statistical analysis (hypothesis testing, regression, correlation) to draw actionable insights from data.
- Automated repetitive data tasks using Python (Pandas, NumPy), reducing manual effort by 87% and improving data accuracy.
- Partnered with cross-functional teams to deliver tailored analytical solutions and support business decision-making.

## **ENGINEERING PROJECTS:**

### **COVID-19 Data Visualization Jan 2021 - May 2021**

Built an interactive dashboard showing COVID-19 case trends, vaccination rates, and regional comparisons.

Incorporated maps and time-series charts to make data exploration intuitive.

### **Database Project on Hotel management system Dec 2018- April 2019**

Created a user-friendly database of the Hotel Management System, as a comprehensive solution for efficient management of a hotel which includes a wide array of functional activities ranging from booking hotel rooms, booking hotel services in wide varieties of hotel locations.