Spandana Morthad

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# Summary

**Business/Data Analyst | 4+ Years of Experience**

# Seasoned Business Analyst with extensive expertise in the financial sectors, particularly skilled in managing projects related to online banking, and loans. Proficient in all phases of the Software Development Life Cycle, with a strong emphasis on requirement gathering, stakeholder management, and business process improvements. Expert in leveraging advanced data visualization tools like Power BI and Tableau, and adept at strategic planning and project execution to align data insights with business goals

# Education

**University of Central Missouri Missouri, USA**

*Masters in computer sciences | cgpa: 3.55*

# Technical Skills:

# Languages: Python, SQL, PL/SQL, Java

# Tools: Visual Studio, Git, VS Code, PyCharm, Jupyter Notebooks, Azure Data Studio, SSMS, WinSCP, Putty, JIRA

# Data Analysis & Visualization: Tableau, Power BI

# ETL: SSIS, Azure Data Factory, Azure Databricks

# Database: Azure SQL DB, AWS Redshift

# Project Management Tools: JIRA, ServiceNow, MS Office Suite

# Experience

## Flightsafety International Texas, USA

## *Business/Data Analyst Apr 2023- Present*

* Documented use cases, workflows, class, and sequence diagrams based on UML methodology to define data process models, enhancing the understanding of system architecture and data flow
* Developed and executed data integration strategies using Azure Analysis Services and Power BI, streamlined data pipelines, and optimized SQL queries, improving data analysis accuracy and operational efficiency by 5%
* Created interactive Power BI dashboards to monitor key performance indicators (KPIs) and utilized advanced features like row-level security and calculated tables to enhance data security and reporting capabilities
* Authored a comprehensive development plan outlining the project's scope and iterations, including evaluation criteria and an updated development case specifying the process methodologies and preliminary user manual
* Delivered comprehensive weekly project reports and maintained robust communication channels with colleagues, supervisors, and stakeholders, ensuring effective documentation of requirements and prompt resolution of data-related issues through rigorous validation and testing procedures

## Centene Seattle, USA

## *Business/Data Analyst*  *Feb 2022-Apr 2023*

## Designed and maintained performance-tracking dashboards using Power BI, aligning with strategic business goals, and ensuring precision through continuous enhancements and updates.

## Collaborated with business stakeholders to gather and refine requirements, developing complex DAX queries and creating composite models to support data-driven business decisions.

## Streamlined Power BI reporting processes, reducing reporting time by 20%, and facilitated all aspects of the scrum framework, including sprint planning and backlog grooming to enhance project agility.

## Managed the publication and optimization of Power BI reports, incorporating DAX performance enhancements.

## Supported the product owner in developing and maintaining the product backlog, and managed agile project artifacts including capacity plans, iteration boards, and burn down charts.

## Provided training on Power BI to end-users and led scrum ceremonies such as daily stand-ups and sprint reviews, promoting self-service analytics and fostering a culture of data-driven decision-making

## Cisco California, USA

## *Data Engineer Feb 2020- Nov 2021*

* Automated ETL processes across billions of rows, reducing manual workload by 29% and implemented real-time data pipelines processing 150 million records daily, enhancing data integration and reliability
* Conducted extensive performance tuning of SQL queries and ETL jobs and resolved production job failures
* Developed Change Data Capture and Slowly Changing Dimension jobs to efficiently manage current and historical data
* Leveraged Python libraries like Pandas and NumPy for advanced data manipulation, cleaning, statistical computations, and array handling, ensuring high data accuracy and efficiency
* Collaborated with cross-functional teams to define key business metrics and align with stakeholders' objectives
* Developed a Tableau dashboard visualizing key KPIs like Monthly Recurring Revenue, reducing manual reporting efforts by 10 hours weekly
* Worked with the engineering team to deliver varied data analytics insights using regression and classification methods