Alekhya Bhagavathi Yanamandra

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EDUCATION

University of New Haven
Master of Science in Business Analytics **Jan 2024**
Relevant Courses: Data Mining Business Intelligence, Power BI & Dashboarding, Advanced Analytics, Global Supply Chain Management, Database Management (MySQL), Business Analytics, Data Visualization & Communication

Osmania University **May 2018**
Bachelor of Commerce | Minor, Computer Science

EXPERIENCE

Good Shepherd Ministries, *Business Analytics Specialist* **Feb 2024 - Feb 2025**
- Automated reporting processes, reducing data processing time by 12% and streamlining decision-making efficiency
- Synthesized financial data using Power BI to enhance budget forecasting by 18%, which strengthened financial management

University of New Haven, *Data Analyst Graduate Assistant* **Mar 2023- Dec 2023**
- Utilized business intelligence tools and analyzed complex data sets, providing a 10% increase in insights to stakeholders
- Analyzed data automation information, enhancing student admission processing efficiency and workflow operations by 13%
- Developed BI reports, reducing turnaround time by using failure analysis, technical reporting, and interpersonal skills

Amazon Development Center, *Support Ops Investigation Specialist* **June 2021 - July 2022**
- Executed repetitive tasks with optimized judgment-based decisions, utilizing advanced Excel (Pivot Tables, VLOOKUP) to enhance data accuracy, contributing to cost savings, improved productivity, and upgraded operational performance
- Communicated effectively with FBA Merchants and Customers using empathetic listening; supported research operations by creatively identifying root causes and recommending innovative process improvements within a customer-focused program.

Stratyges LLC, *Salesforce Admin & Talent Acquisition Analyst* **Jan 2020 - Dec 2020**
- Drove talent acquisition initiatives, engaged with clients, and presented findings to leadership and client stakeholders
- Developed data-driven acquisition strategies, utilizing Excel for economic and financial insights to optimize sourcing
- Utilized macros to improve reporting, aligning with corporate strategy and benchmarking to drive strategic improvements and enhance customer experience.

Amazon Development Center, ML I *Data Associate - Alexa Data Services* **Nov 2018 - Aug 2019**
- Led cross-functional projects, aligned priorities, communicated risks, and streamlined workflows under SOP guidelines
- Contributed to the development of the AIS (Amazon Internal Tool) process team, implementing 6 efficiency enhancements that saved over 6,000 man-hours annually, driving improved business performance, operational efficiency, and cost-effectiveness

PROJECTS

U.S. College Analysis Dashboard **2023**
- Built a Shiny-Flex dashboard using R to analyze admissions data between private versus public college by state, enhancing educational data insights
- Integrated dynamic visualizations and filtering, reducing analysis time for users by 21%

Walmart Sales Forecast Dashboard **2022**
- Created Walmart sales dashboard on Power BI, using ETL & visualizations (bar chart, pie chart, line chart, scatter plot) to predict sales trend, improving forecast accuracy and predictive modeling by 14%
- Used Dax functions and power query to clean and transform data, reducing data processing by 4%

SKILLS & CERTIFICATIONS

Data Visualization tools:	Power BI, Tableau, Python, SQL, PowerPoint, Excel (VBA, Pivot Table), Google Analytics, Supply Chain
Statistical and Analytical:	Regression Analysis, Forecasting, KPI Development, Market Research, R (ggplot, dyplr, tidyverse)
Project management:	Business Intelligence, Risk Management, CRM (Salesforce, Slate), Visio, Customer service
Other skills:	Time series modeling, GitHub, Supervised & Unsupervised ML, Microsoft Office Suite (Outlook, Word)
Trainings/Certifications:	SQL Intermediate (Hacker Rank), AWS Data analytics, Business Analysis Foundations – NASBA

HONORS & AWARDS

Recipient of Extra Mile Award & Silver Certificate among 6000+ Amazon employees by delivering and maintaining 100% data quality