

EDUCATION

Master of Science in Business Analytics and Information Systems	Aug 2022- May 2024
University of South Florida, Tampa	CGPA: 3.7
Bachelor of Technology in Electrical and Electronic Engineering	May 2018
JB Institute of Engineering and Technology	CGPA: 3.3

SKILLS

Programming, and Database: Python, SQL, NoSQL (JSON), PySpark, HTML5, CSS.

Tools: Tableau, Power BI, Amazon QuickSight, MS Visio, MS Office Suites, JIRA, Jupyter Notebook, Databricks, Jira, Oracle, MS SQL Server, Google Analytics, AWS, Lucid Chart, Alteryx, Git, Visual Studio Code, Advance Excel.

Analytical and Other Skills: ETL, EDA, Machine Learning Algorithms, Parameter Tuning, Pattern Recognition, Statistics, Lean Six Sigma.

RELEVANT COURSEWORK

Data Mining (Python, ML Models), Statistics, Data warehousing, Big Data for Business, Advanced Database Management Systems (Oracle, SQL), Data Science Programming (Python), Data Visualization (Tableau, Power BI), Cloud Computing (AWS), Project Management, Advance Systems Analysis/Design, and Analytical Methods for business.

PROFESSIONAL EXPERIENCE

Graduate Teaching Assistant, University of South Florida	Jul 2023 – Present
<ul style="list-style-type: none">Provided one-on-one assistance to students during office hours, clarifying doubts and explaining complex programming concepts.Designed engaging assignments that challenged students to apply machine-learning concepts to real-world datasets.Facilitated a semester-long project where students developed end-to-end machine learning pipelines, fostering practical skills.Hosted code review sessions to provide constructive feedback and encourage best coding practices.	

Amazon, Business Data Analyst	Jan 2021- Jul 2022
<ul style="list-style-type: none">Leveraged SQL and Python to perform in-depth analysis and management of large datasets related to seller partner performance including sales, customer feedback, and operational metrics to extract relevant insights and identify trends, patterns, and business needs.Generated insights leading to policy changes and a 1.92 PPM reduction out of the yearly program goal of 3 PPM.Led and facilitated meetings and presentations to share insights, ideas, and findings with stakeholders.Developed 150+ custom Power BI reports and interactive dashboards for cross-functional teams, leading to a 10% rise in revenue growth rate.Analyzed statistical techniques, such as regression analysis and forecasting for prediction using Machine learning future sales performance and inventory demand for eCommerce operations, resulting in a 15% reduction in shortage.Trained new hires to perform to the benchmark rate, resulting in 60% of associates becoming top performers.	

Accenture Business Analyst	Jan 2020- Dec 2020
<ul style="list-style-type: none">Generated QA and UAT test scripts and performed end-to-end system testing to ensure a seamless product launch, resulting in a 45% reduction in production defects and a 30% increase in customer satisfaction.Employed Tableau best practices in formulating reports, developing SQL queries, and designing Tableau dashboards, improved data quality and reporting accuracy by 35%.Gathered critical information from stakeholder meetings and translated it into useful reports for informed decision-making.Presented analytical results to executive leadership, translating intricate insights into accessible narratives that informed strategic decision-making.	

Associate Software Engineer	Dec 2018- Jan 2020
<ul style="list-style-type: none">Executed complex SQL queries to extract, manipulate, and validate data for testing, leading to a 40% reduction in test data preparation time and a 25% increase in test coverage.Performed functional and technical test execution activities as per requirements and communicated with the development team to identify, track, and document software defects using Jira.Established KPI Dashboards for analyzing data, defects, and ticket inflow, resulting in business process optimization, and improving team efficiency by 20%.Experienced with iterative SDLC processes and software development methodologies such as Scrum, Waterfall, and Agile.Developed automated testing using Selenium and Python, resulting in a 30% reduction in test execution time and increased test coverage. Communicated with development teams to identify, document, and track software defects using JIRA.	

ACADEMIC PROJECTS

Predictive Modeling for Students' Drop-out Prediction Using Machine Learning and Data Analysis	Data Mining Project
<ul style="list-style-type: none">Employed machine learning classification algorithms like Decision Tree, Random Forest, AdaBoost, Gradient Boost, XGBoost, K-Nearest Neighbors, Logistic Regression, and ANN to analyze a data sample of 4,424 records from Portugal.Demonstrated problem-solving skills by identifying and addressing discrepancies in datasets, enhancing data quality and integrity.Classified Exploratory Data Analysis (EDA) in Python (Pandas, NumPy, Seaborn, Matplotlib) to understand data distributions and identify outliers. The Artificial Neural Network model achieved 85% recall and 92% accuracy, outperforming other models.	
Real-Time Twitter Data Pipeline and Sentiment Analysis for ChatGPT	Big Data Project
<ul style="list-style-type: none">Designed and implemented a real-time data pipeline using Apache Kafka, PySpark, and MySQL for streaming and processing Twitter data focused on ChatGPT, showcasing proficiency in large-scale data handling and optimization.Applied advanced data processing techniques and sentiment analysis to classify 10000+ ChatGPT-related tweets into positive, negative, and neutral categories with 98% accuracy, visualized using Tableau for insightful sentiment representation.	
Integrated Analysis of Socioeconomic and Health Metrics for Life Expectancy Insights	Data Visualization Project (Excel, Tableau)
<ul style="list-style-type: none">Prepared and standardized life expectancy data for 150+ countries, incorporating urban, healthcare, vaccination coverage, and alcohol consumption data utilizing Excel. Conducted thorough data cleaning, manipulation, and transformation using Excel functions and formulas for data integrity, accuracy, and consistency.Demonstrated meticulous attention to detail while cleansing and preparing datasets for analysis, ensuring accuracy and reliability of results.Integrated Excel data with Tableau to create impactful visualizations and enhance data-driven insights. Accelerated interactive Tableau dashboards with 10+ visualizations, highlighting critical health and socioeconomic factors.	