NITHIN VENKATESH

+1(610)800-8682 | nv382@drexel.edu | Philadelphia, PA |LinkedIn

EDUCATION

Drexel University *Philadelphia, PA*
Master of Science in Business Analytics ***Anticipated March 2025***
Global Academy of Technology *Bangalore, India*
Bachelor of Engineering in Mechanical Engineering ***May 2019***

TECHNICAL SKILLS

Programming Languages: Python (NumPy, Pandas, Matplotlib, Seaborn, Scikit-Learn), R Studio.
Analytical Tools: Power BI, Tableau, MATLAB, HP ALM/QC, Pivot Table, Macros, Advanced Microsoft Excel, MS Office, My SQL *Duke University (Coursera),* Microsoft Project, KPI.
Methodologies: Agile, Project scheduling, Project Development Life Cycle (PDLC), Software Development Life Cycle (SDLC).

PROFESSIONAL WORK EXPERIENCE

Systemic Diversity and Inclusion Group Maryland, USA
Analyst Intern ***May 2024 – Present***

- Developed Power BI dashboards and interactive reports, contributing to a **40%** improvement in real-time monitoring. Collaborated with clients for a 25% increase in satisfaction by aligning data insights with their requirements. Presented clear and actionable findings, emphasizing effective communication and alignment with client expectations.
- Conducted detailed data analysis using Python for informed decision-making in the service team. Managed databases efficiently with SQL, achieving a **98%** accuracy rate in query execution.
- Established a data governance framework ensuring accuracy and security in analysis, resulting in a 20% reduction in potential data issues and enhancing decision-making reliability in the service team.

Amazon. Bangalore, India
Risk Analyst ***Sep 2019 - Aug 2023***

- Conducted comprehensive data analysis using SQL queries and database management techniques to extract insights and trends from large datasets.
- Led data analysis initiatives using advanced tools like Paragon, Nautilus, and Seller Central, investigating **62,000** Selling partners and successfully detecting fraudulent activity in approximately 56% of cases.
- Managed stakeholder relationships in an agile scrum environment, organizing sprint planning meetings, conducting business process mapping, and presenting outcomes for over 12 projects.
- Supervised a 6-member cross-functional team, overseeing research, reporting, and analysis processes.
- Achieved a 15% profit increase by automating business processes. Collaborated with the development team using Python for automation scripts and employed Tableau, and SQL for optimizing data workflows, resulting in reduced costs and errors.
- Created predictive models to analyze factors influencing customer interaction and user experience, implementing strategic solutions that resulted in a **14%** efficiency boost and a **20%** reduction in errors.
- Recognized as an 'Employee of the Quarter' for outstanding performance, designed an automated project status tracking tool, and migrated **90%** of projects in less than a week using data from ALM.

ACADEMIC PROJECTS

Compass Maritime, Harvard Business Review Case Study: |Multiple regression analysis, statistical modeling, Python (for data analysis), Excel (for data manipulation and visualization) |

- Analyzed a dataset of 48 similar vessels, identifying key factors influencing ship prices. Developed a robust multiple regression model with an exceptional explanatory power of 91.5%, utilizing K-value for precise feature selection. Verified the model's effectiveness with an impressive R-squared value of 0.915 and utilized it to accurately forecast the Best Performer's price with a precision of $9.88 million.

Customer Segmentation Using SQL: | SQL, database querying, customer segmentation, data analysis|

- Employed SQL queries to segment customers based on demographics and purchase behavior for a retail company. Examined customer data from the database to identify distinct groups and their preferences, enabling targeted marketing strategies.

Sentiment Analysis Using Feedback Data for Co-op Enhancement at Drexel University: |NLP, Tableau, Python|

- Employed NLP and Tableau for advanced text mining, and evaluated employer and student feedback with Python, resulting in a 55% increase in employer satisfaction and a 15% boost in student engagement for co-op dynamics.