

NAVEEN VARMA PATSAMATLA

www.linkedin.com/in/naveenvarmapatsamatla | www.github.com/PNaveenVarma | naveenvarmap7666@gmail.com | |
(347) -265-3279 | | Stillwater, Oklahoma

A results-oriented professional equipped with a master’s degree in management information systems and over 3 years of expertise in Analytics and academia. Passionate about translating intricate data into impactful and actionable insights. Currently seeking a challenging position that allows me to leverage my skills in driving data-driven solutions within a dynamic environment.

EDUCATION

Oklahoma State University - Stillwater, OK Master of Science in Management Science and Information Systems Programming for Data Science Descriptive Analytics and Visualization Data Warehousing Statistics for Data Science Predictive Analytics	<i>Graduation: Dec 2023</i> <i>GPA: 4.0/4.0</i>
Amrita Vishwa Vidyapeetham – Bengaluru, India Bachelor of Technology in Electronics and Communication	<i>2016 - 2020</i> <i>Distinction</i>

EXPERIENCE

GRADUATE TEACHING ASSISTANT, Oklahoma State University • Collaborated closely with esteemed professors in supporting multiple courses, including International Sports Management , Money and Banking during my master's program. • Demonstrated a commitment to student advancement by actively addressing students' questions (Visual , Excel, Conceptual, Mathematical) and concerns during both office hours and lab sessions, ensuring their grasp of course content. • Played a pivotal role in assisting professors with their responsibilities, including test administration and meticulous grading of student assessments, contributing to presentations, and handled the class in their absence.	<i>Jan 2023 – Dec 2023</i>
DATA ANALYST - GRADUATE RESEARCH ASSISTANT, Oklahoma State University • Collected, organized, and interpreted research information to generate illustrative graphs and charts showcasing outcomes using power BI. • Conducted reliable and precise research, managed in a 70% reduction in data processing time. • Strategized, adjusted, and implemented research methodologies, procedures, and SQL queries. • Recognized, Payed attention to details, and strongly communicated within intricate datasets discoveries during meetings.	<i>Aug 2022 – Dec 2022</i>
WEB APPLICATION DEVELOPER - GRADUATE RESEARCH ASSISTANT, Oklahoma State University • Contributed to the development of website functionality for Cognitive Assistive Technology (CAT) care project, funded by the National Institute of Health, aimed at enhancing the quality of life for dementia patients when caretakers are unavailable. • Collaborated in the design and development of the website's login page, primary interface, and multiple layout pages, employing Python, Flask framework, HTML, and CSS to ensure a seamless and user-friendly experience. • Achieved a significant enhancement in the integration of voice recognition technology with a wearable device, leading to impactful improvements in functionality. • Employed problem-solving skills to enhance project efficiency, resulting in a 20% increase in productivity for the team.	<i>Jan 2022 – Jul 2022</i>
DATA ANALYST - Data ERPSystems , Hyderabad, India • Conducted statistical analyses on large datasets to uncover actionable insights and patterns and Implemented data modeling solutions to structure and organize data for effective analysis and reporting. Utilized SQL, Python for data manipulation and data analysis. • Developed KPI scorecards and performed data reporting, providing executives with feedback on key metrics and business performance. • Implemented business intelligence dashboards using Tableau to reduce customer issues by 35% • Accomplished in ad-hoc data and process analysis, demonstrating expertise in resolving complex analytical and technical issues within Agile environments.	<i>Sep 2020 – Nov2021</i>
ACADEMIC PROJECT EXPERIENCE Driver injury severity analysis in automobile crashes • Led in-depth analysis of U.S. Department of Transportation crash data, utilizing advanced data balancing and segmentation techniques to develop unbiased predictive models; achieved an 81.01% accuracy using KNIME with a focus on random forest algorithm, and conducted impactful sensitivity analysis uncovering critical factors influencing injury severity.	<i>Aug 2023 – Dec 2023</i>
ETL and Data Warehousing • Crafted an operational data warehouse utilizing SSMS and SSIS to facilitate the Business Intelligence team in constructing executive dashboards for 96,577 sales transactions from Healthy Options, Inc. Engineered and implemented FACT and DIMENSION tables, orchestrating an ETL process for smooth data preparation. This initiative not only facilitated efficient analysis but also empowered business executives to address pivotal inquiries.	<i>Jan 2023 – May 2023</i>
Food Partnering Services Analysis • Led a restaurant data scraping initiative, showcasing advanced data acquisition skills, and delivered strategic insights using statistical and sentimental analysis to empower emerging merchants with effective collaboration strategies, emphasizing recommendations based on food products and customer centric details for optimal results.	<i>Jan 2022 – May 2022</i>

SKILLS

Technical Skills : SQL, T-SQL,Python, R, C, MATLAB, Tableau, Power BI, Knime, SAS, RapidMiner, Microsoft Excel(Power query and VBA),AWS(basics)
Analytical Skills : Statistical Modeling , Statistical testing(Hypothesis, A/B,ANOVA), Data Transformation, Data wrangling, Data Manipulation, Data Quality, EDA(Exploratory Data Analysis)
Data Management Skills : Data Extraction ,Data Integration, Data Reporting, Data Integrity
Database skills : Data warehousing , ETL(Extract, Transform, Load),SSIS, Enterprise modeling (FACT and Dimension tables) ,RDMS(Microsoft SQL server - SSMS)
Machine Learning Skills: Sentimental analysis, Text analysis , Data Mining, Web Mining, Time series Forecasting, Predictive Analytics
Other skills : HTML, CSS , Web-scraping, libraries(Selenium web driver, Pandas, NumPy, Dplyr,Tidyr,Ggplot2), GitHub

CERTIFICATIONS

- Tableau Desktop certification