

NATALIE JORDAN

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OBJECTIVE

Seeking an internship for Spring 2025 in the field of Data Science and Analytics and provide valuable contribution to a business' success.

EDUCATION

Kennesaw State University, Kennesaw, GA

Master of Science in Data Analytics and Statistics

Anticipated Graduation: May 2025

Bachelor of Science in Biology, Minor in Applied Statistics and Data Analytics

Graduated: December 2022

Magna Cum Laude, GPA 3.7

Related Coursework: Data Mining, Applied Longitudinal Analysis, Statistical Computing, Programming in R, Applied Regression Analysis, Mathematics Statistics, Timeseries Forecasting, Design and Analysis of Human Studies Research, Biostatistics

LEADERSHIP EXPERIENCE

Analytics and Data Science Organization (ADSO) | Kennesaw State University

Fall 2024 - Present

Vice President of Events

- Manage and maintain records of student events, hackathons, workshops, and networking opportunities.
- Collaborate with officers to prepare purchase requests and build a student support system.

PROJECT & RESEARCH EXPERIENCE

Research Assistant in Human Studies Lab (HSL) | Kennesaw State University

January 2021 – Present

- Medical research on >300,000 patient preterm infants to improve growth outcomes in US NICUS.
- Extract and clean data that is project-specific
- Summarize critical findings and insights descriptively using frequency distributions to detect prevalence and predictively through modeling logistic regression and sensitivity analysis.
- Multitasks, manages, and writes scientific papers for multiple projects soon to be in press.
- Collaborates with an ambitious team of students, professors, biostatisticians, and clinicians to consistently find and share solutions to ever-evolving projects in the pipeline for publication.
- Conducts literature reviews collaboratively using Mendeley Reference Manager.

Applied Analytics Project Sponsored by Delta / Kennesaw State University

January 2024 – May 2024

- Designed analytical deliverables and plan to develop interventions to increase knowledge of customer contact patterns and reduce repeat calls for the Delta Air Lines Reservation Data Management Team.
- Configured bar plots in R Studio using ggplot() for exploratory and descriptive analysis.

Advanced SAS 9.4 Course with SQL | Kennesaw State University

Spring 2024

- Programmed a PROC SQL report on SAS 9.4 to clearly list all the claims for in-patient services at a clinic, to descriptively display a patient's SSN, claim number, claim amount and paid amount.

- Ran descriptive analyses including time, spaghetti, and interaction plots to understand which factors are associated with patients with high HBA1C levels.
- Modeled a between-person, univariate repeated measures and multivariate repeated measures ANOVA utilizing a saturated means model, observing HBA1C levels across time occasions.

PRESENTATION EXPERIENCE

SESUG Conference | **Charlotte, NC**

October 22 – 24, 2023

- Authored and submitted a paper to the Statistics, Analytics and Reporting section on data visualization methods of chronic lung disease incidence using SAS 9.4 and Microsoft Excel.
- Gave a 10-minute presentation on the paper and at the student showcase as a student grant recipient, highlighting my use of SAS and other analytical tools.

School of Data Science Analytics Day | **Kennesaw State University**

Semesterly Fall 2022 - Spring 2024

- Developed and presented on multiple projects to thought leaders and practitioners across the region over analytical medical outcomes research in the U.S NICU premature infant population.
 - The first and third presentations were descriptive and statistical analyses to showcase how birth BMI size measurement contributes to an increased risk of mortality.
 - The second presentation visualized the risk of a common comorbidity – chronic lung disease.

School of Data Science and Analytics Showcase | **Kennesaw State University**

March 22, 2023

- Spoke at a spotlight presentation on behalf of the Human Studies Research Lab

TOOLS

- Statistical Software: Skilled in using tools such as SAS 9.4, R Studio, and Microsoft Excel for conducting descriptive analyses; Proficient in Microsoft Office tools.
- Descriptive analyses: Proficient in summarizing and interpreting data using measures of central tendency, dispersion, and frequency distributions.
- Data Visualization: Experienced in creating various bar, scatter, and box plots and charts, as well as time, spaghetti, and interaction plots to effectively communicate data insights to non-technical audiences.
- Predictive modeling techniques: Evaluates classifiers via confusion matrix, precision vs recall, and decision trees; logistic regression; forecasting; time series.

SOFT SKILLS

- Communicates effectively, tag-teaming both in-person and remotely via Microsoft Teams.
- Multitasks with high energy when under pressure in a team atmosphere.
- Manages projects and quality checks and flexible to alter project methodology and present on-the-fly.
- Desires to learn and grow.
- High-reaching, inquisitive, and a solution-seeker in HSL.
- Detail-oriented from code commenting to slide presenting.
- Organized via OneDrive and Excel file separation of research projects in HSL.
- Bilingual in Spanish and English