

TAVISH I. KING

Skills

- SQL
- R/Python
- Microsoft Power BI
- Microsoft Excel
- Data Cleaning
- Statistics (Regression, ANOVA, Hypothesis Testing, Inferential, Correlation, Hierarchical Modeling, Non-parametric Tests)
- Spanish
- Predictive Analytics
- Supply Chain Analysis

Projects

BUSINESS ANALYSIS: EMPLOYEE ATTRITION/CHURN – Personal Project – Orem, UT March 2025

- Built and evaluated a logistic regression model in R to identify key drivers of employee attrition
- Used SQL and R to clean data on ~1,500 employees and created visualizations to inform stakeholder decisions

DATA CLEANING WITH R: CAFÉ SALES – Personal Project – Orem, UT March 2025

- Cleaned and reshaped 10,000 rows of café sales data in R, reducing missingness from 13% to 1.4%
- Used tidyverse tools and recorded a video walkthrough to demonstrate practical data prep for Power BI analysis

ALCOHOL AND DELINQUENCY HYPOTHESIS TESTING – Personal Project – Provo, UT December 2024

- Cleaned and analyzed survey data in R and STATA to explore links between alcohol use, self-control, and peer delinquency
- Ran regression models and statistical tests, supporting findings with clear visualizations and documented methods
- Documented data processes, assumptions, and insights for **reproducibility** and **transparency**

Work Experience

JUNIOR RETAIL ANALYST – Shyft Global – Orem, UT April 2025 – Present

- Built automated R Markdown reports to support tracking for product sourcing staff, enabling data-informed procurement decisions
- Led the data collection and analyzation process to support sourcing operations, improving visibility into vendor quotes, production timelines, and buyer requirements
- Analyzed quote accuracy to align our buyer's needs and to support strategic vendor selection

RESEARCH DATA ANALYST – Brigham Young University – Provo, UT January 2023 – December 2024

- Developed multilevel models in R to analyze datasets with 15,000+ observations, uncovering behavioral trends in autistic and socially anxious adults
- Created clear and engaging data visualizations to present findings to supervisors and non-technical audiences at 4+ state and national conferences
- Wrote efficient R code for data processing, improved data querying using SQL, and enhanced overall data handling efficiency
- Managed analysis projects for 3+ clients, delivering actionable insights and contributing to high client success

PROJECT COORDINATOR – Brigham Young University – Provo, UT January 2023 – December 2024

- Coordinated and managed lab operations, scheduling meetings and providing timely updates to research assistants on project progress and deadlines
- Onboarded and mentored new research assistants, delivering comprehensive training on lab protocols, experimental design, and research methodologies
- Organized weekly workshops and seminars, fostering project development and enhancing team members' technical and professional skills

- Developed learning resources, including step-by-step guides, annotated coding examples, and debugging workflows, enhancing student proficiency in R
- Led students through coding exercises covering ETL (Extract, Transform, Load) processes, data cleaning, data manipulation, and statistical modeling
- Provided real-time debugging support, reducing common errors related to data types, indexing, and control structures, leading to a 95% class average in coding assessments
- Designed grading rubrics and structured feedback to streamline assessment consistency, improving grading efficiency by 50% and enhancing future TA support

Education

BACHELOR OF SCIENCE IN PSYCHOLOGY – Brigham Young University – Provo, UT

December 2024

Relevant Coursework: Psychological Statistics, Applied R-Programming, Statistical Modeling, Research Design