Data Analyst

WILL MIZER

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Sarasota, FL 34275

Education

BACHELOR OF SCIENCE IN DATA SCIENCE – Florida Polytechnic University – Lakeland, FL   Expected 5/2027

ASSOCIATE OF SCIENCE IN COMPUTER PROGRAMMING/ANALYSIS – State College of Florida – Venice, FL   12/2023

Skills

Python	**R Programming**	**Microsoft Office**
Libraries: pandas, matplotlib, seaborn	Packages: dplyr, ggplot, tidyr	Emphasis on Excel, VLOOKUP, pivot tables, basic formulas
Tableau	**SQL**	
	Basic Querying, Joins, Cleaning	**Hadoop**
		Tools: MapReduce, PySpark

Projects

PYSPARK – END TO END DATA PROJECT – University Project (2025)
- Cleaned and processed IMDb's public dataset **(~70 million rows)** using **PySpark and SQL libraries**
- Performed **exploratory analysis** and engineered features from movie metadata (runtime, genres, votes)
- **Built and evaluated a linear regression model** to **predict IMDb** ratings for potential new movie candidates
- **Completed full data pipeline: collection, cleaning, analysis, modeling, and visualization**

RSTUDIO DATA ANALYSIS: STUDENT SLEEP PATTERNS – University Project (2024)
- Conducted comprehensive **analysis** of student sleep patterns, **identifying key factors** influencing sleep duration and quality using RStudio and statistical methods.
- **Processed, cleaned and transformed** the dataset, addressing missing values and formatting issues to **ensure data integrity** and **accuracy** of analysis
- Effectively **communicated** findings through **visualizations** using **ggplot**, to show **trends** in sleep behaviors based on different factors

PYTHON: IMDB TOP 1000 MOVIE DATA ANALYSIS – Personal Project (2025)
- Performed **in-depth** analysis of IMDB's top 1000 movies using **Python** and **Pandas** to identify key factors influencing box office gross and ratings.
- Generated **visualizations** in **matplotlib** to compare and illustrate relationships between key movie features and box office performance
- Evaluated **correlations** between critical factors like budget, genre, and actor recognition to demonstrate what affects a movie's financial and critical success based on those key factors

Work Experience

ONLINE DATA ANALYST – TELUS International   Nov 2023 – Apr 2024
- Reviewed and rated images, sounds and search results to **improve AI training data**, ensuring accuracy and relevance for machine learning models
- Securely worked while **maintaining data privacy** and **security regulations**

- Provided **detailed feedback** to enhance algorithm performance and optimize model accuracy
- Maintained a **high level of accuracy** and attention to detail in evaluating digital content

SALES ASSOCIATE – The TJX Companies, Inc – Venice, FL   May 2021 – Mar 2022

- Managed the HomeGoods department, including rugs, lamps, and furniture, while maintaining a **high level of customer service**.
- Assisted customers with product inquiries and provided recommendations to improve their shopping experience.
- Ensured **inventory organization** and floor presentation met company standards.
- Worked very well with teammates and **communicated effectively** on what tasks needed to be accomplished.

LIBRARY STAFF & TECHNOLOGY SUPPORT (VOLUNTEER) – Osprey Library – Sarasota, FL   May 2016 – May 2019

- Assisted library patrons with **technology support** and troubleshooting issues.
- **Organized** book returns alphabetically to maintain an efficient library system.
- Provided **customer service** to patrons, ensuring a welcoming and helpful environment.