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| Juliane Woolslayer  Data Analyst | juliewoolslayer@yahoo.com • (281) 881-3076  [LinkedIn](https://www.linkedin.com/in/julianewoolslayera2a922a8/) • [Portfolio](https://juliewoolslayer.github.io/) • Sugar Land, TX 77479 |

Self-motivated and team player with abilities to carry out data analysis and visualization, along with sound knowledge and practical background in teaching / mentoring and team engagement, equipped with masters degree in Data Analytics. Recognized for delivering effective lectures and guidance to students and staff for personal and professional development to achieve desired goals. Ability to conduct data analysis and develop visualization reports / dashboards. Skilled in carrying out programming practices by utilizing various tools, techniques, and platforms, such as SQL, Tableau, Python, Access, and Power BI to structure data. Pragmatic problem solver and planner with expertise in time management, organizational, communication, and leadership skills to gain optimal growth.

**Areas of Expertise**

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| * Data Analytics * Data Visualization * Data Manipulation | * Statistical Trends * Problem Solving * Time Management | * Programming * Team Leadership * Operations Management |

**Technical Proficiencies**

Advanced Excel & Access | SQL | Python | ArcGIS | Tableau | Power Bi | ArcGIS Autodesk | Data Mining | Data Modeling | Power Pivot | Pivot Tables | Power Query | VLOOKUP | Regression | Azure

**Professional Highlights**

**Western Governors University, UT 2021**

**Master of Science: Data Analytics**

Developed broad understanding of applied data analysis concepts and theories. Learnt about advanced data analysis and analytics approaches and principles to develop enhanced data models. Gained expertise in Sentiment Analysis, Regression, PCA, Random Forest, KNN, Kmeans, and Market Basket Analysis by utilizing industry-standard IT facilities and programming languages to develop high end algorithms. Enhanced critical thinking, research, writing, and communication skills.

* Gained understanding of modern data analysis concepts, while exploring Micro-credentials in Data Preparation, Data Analytics Fundamentals and Advanced Data Modeling.
* Developed knowledge of data manipulation and statistical models to develop enhanced data visualization and analyze trends by utilizing SQL, Python, and Tableau.
* Considered mainstream and alternative approaches to data modelling, as well as leveraging programming languages to generated effective codes.
* Accomplished capstone project successfully by forecasting stock prices using ARIMA and LSTM to achieve optimum outcomes.

**Self Employed 2005 – Present**

**Physics, Computer and Math Tutor**

Develop effective marketing plans and highlight business strategies to deliver advanced lectures, while owning, managing, and operating after school and weekend tutoring service. Carried out and completed financial paperwork and payroll, as well as developed interactive tracking reports.

* Spearheaded and organized part time tutoring company to provide knowledgeable lectures to 100 students and manage finances, while teaching full time.
* Optimized wide range of instructional approaches and innovative classroom activities to enhance student learning curve and boost knowledge.

**Fort Bend ISD & Lamar CISD 2013 – 2021**

**Physics, Forensic Science and Engineering Teacher**

Engaged proactively with staff to gather, cleanse, analyze, and model structured and unstructured data to assess student’s requirements through Access, Excel, and SQL. Identified key metrics and transformed raw data into meaningful and actionable information by extracting, interpreting, and analyzing data. Backed, supported, and sponsored science bowl team and won regionals and placed nationally. Examined and analyzed databases by using Access to back marketing campaign for career center to attract more students.

* Taught formulas and visualizations through Excel to more than 1000 students.
* Accomplished certification in ESL and mentored students from grade 6-12 and provided school counselling.
* Redesigned and restructured forensic science curriculum, as well as interactive labs and resources for online students.
* Established and sustained healthy and friendly classroom environment within classroom for smooth development processes.
* Created interactive and visually impactful dashboards and reports by utilizing Tableau, PowerBi, pivot tables, and VLookups for seamless workflows.

**Additional Experience**

**Petroleum Wireline Field Engineer** at Schlumberger

* Conducted various downhole diagnostics and mechanical operations, such as radiative, sonic, and ultrasonic logging to wells in Africa, Canada, Venezuela, and across U.S with equipment of worth $1M+.
* Supervised and trained team of more than 40 new engineers and operators to enhance productivity.

**GIS and Geology Teaching Assistant/Research Assistant & GIS Intern** at New Mexico Institute of Mining & Technology and New Mexico Hydrology Bureau

* Carried out hydrologic research for NASA by utilizing Excel to save and analyze data for development and testing of algorithms to detect soil moisture from satellite images.

**Staff Geologist** at Philip Services Corporation, Fort Washington, Pennsylvania

* Performed investigation field work, including soil borings, retaining wall installations, concrete, and asphalt testing, well-tests, well sampling, permitting, and contractor oversight.

**Education & Credentials**

**Master of Science: Data Analytics**

Western Governors University, UT

**IT Coursework**

LinkedIn Learning, Udemy, EdX, Data Camp, University of Texas

**Master of Education in School Counseling**

Southwestern Oklahoma State University, OK.

**Master of Science Coursework: Hydrology**

New Mexico Institute of Mining and Technology, NM

**Bachelor of Arts: Triple Major: Geology, Earth And Space Science & Education**

LaSalle University, PA.

**Certifications CompTIA A+ and Microsoft Azure AZ-900**