

Emely Pineda

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PROFILE

Biomedical Sciences graduate pursuing Data Analytics, skilled in statistical analysis, data cleaning, and visualization. Proficient in SQL, Excel, R, and Tableau, with project experience building dashboards and analyzing large datasets. Strong ability to translate complex findings into actionable insights for decision-making and customer engagement.

EDUCATION / CERTIFICATIONS

Bachelor of Science in Biomedical Sciences, Minor in English, Texas A&M University

- Relevant Coursework: Statistics, Calculus, Economics and Communications.
- Lab Experience: Gained hands-on experience in research, quality control, and data documentation through laboratory techniques including PCR, microscopy, and cell culture.

College Station, TX
Aug 2019 — May 2024

Google Data Analytics Professional Certificate

- Applied data analysis (EDA) to identify patterns, trends, and outliers in large datasets.
- Completed a capstone project analyzing fitness device usage to produce actionable recommendations.
- Translated raw data into actionable insights and presented findings using clear visualizations and stakeholder-friendly language.
- Developed proficiency in data analysis, data cleaning, and data visualization using R, SQL (CTE's, Joins, Window Functions), Tableau (dashboards).
- Mastered Microsoft Excel, including pivot tables, lookup functions (VLOOKUP, XLOOKUP), and conditional formatting for data analysis and reporting.

WORK EXPERIENCE

Laboratory Research Assistant, UT Health Neurology Department

- Contribute to the preparation of research materials, presentation, and reports.
- Conduct and analyze experiments related to neurodegenerative diseases, contributing to high impact research findings.
- Collaborate with interdisciplinary teams to explore innovative approaches in neurological care and treatment.
- Maintain accurate lab records, ensuring all tasks are complete, on time and in accordance with best practices.
- Increased production of alpha-synuclein substrate by 85%.

Houston, TX
June 2024 — July 2025

Student Worker, Compass Group

- Managed check-out transactions, maintaining accuracy in all financial processes.
- Delivered excellent customer service in a fast-paced environment, ensuring positive customer interactions.

College Station, TX
Aug 2020 — May 2022

LEADERSHIP

- Retreat Committee, UT Health: Assisted in organizing the 2024 PMDL work retreat, managing event planning, and on-site coordination for the entire team.
- Hullabaloo-U Program, Texas A&M University: Assisted first-year students as part of Hullabaloo-U program, fostering skills in communication and teamwork while supporting their adjustments to college curriculum and college life.

SKILLS

- Skilled in developing interactive dashboards and visualizations using Power BI and Tableau. Proficiency in Microsoft tools such as Excel, Teams, Outlook, Word, and PowerPoint.
- Foundational coding skills in Python and RStudio for data cleaning, visualization, and analysis.
- Strong ability to manage tasks under deadlines; meticulous and organized.
- Excellent problem-solving skills and critical thinking abilities.
- Detail-oriented with a focus on accuracy.

PORTFOLIO / LINKS / REFERENCES

- [Portfolio/Personal Career Website](https://tx.ag/EpinedaPortfolioGithub) (tx.ag/EpinedaPortfolioGithub)
- [Google Data Analytics Certificate](https://tx.ag/EpinedaCertificateGithub) (tx.ag/EpinedaCertificateGithub)
- [Reference Letter](https://tx.ag/EpinedaRecLetterGithub) (tx.ag/EpinedaRecLetterGithub)
- [LinkedIn](https://www.linkedin.com/in/emely-pineda-7480b72a8) (http://www.linkedin.com/in/emely-pineda-7480b72a8)

