

Emely Pineda

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[LinkedIn](https://www.linkedin.com/in/Epin77/): <https://www.linkedin.com/in/Epin77/> | [Portfolio/Website](https://tx.ag/EpinPortfolioGit): tx.ag/EpinPortfolioGit

PROFILE

Biomedical Sciences graduate pursuing Data Analytics, skilled in statistical analysis, data cleaning, and visualization. Proficient in SQL, Python, 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.

EDUCATION / CERTIFICATIONS

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

College Station, TX
Aug 2019 — May 2024

- Relevant Coursework: Statistics, Calculus, Economics and Communication.
- Lab Experience: Hands-on experience in research, data documentation, analysis, and quality control, through laboratory projects.

Google Data Analytics Professional Certificate

- Built interactive dashboards and visualizations that translate raw data into actionable insights, improving accessibility of KPIs for non-technical stakeholders.
- Capstone Project: Analyzed 50,000+ rows of fitness data to identify engagement and retention patterns, informing product improvement recommendations.
- Developed proficiency in data analysis, data cleaning, and data visualization using R, SQL (CTEs, Joins, Window Functions), and Tableau (dashboards).
- Streamlined data analysis using Excel, including pivot tables, lookup functions (VLOOKUP, XLOOKUP), and conditional formatting, reducing report preparation time while improving accuracy.

WORK EXPERIENCE

Laboratory Research Associate – UT Health Neurology Department

Houston, TX
Jun 2024 — Jul 2025

- Conducted statistical analysis on 10,000+ experimental data points, identifying correlations between biomarkers and disease progression to support high-impact publications.
- Improved operational efficiency by modifying workflows, resulting in a 50% increase in substrate production.
- Performed quality control checks and oversaw data cleaning tasks across 1000+ experiments, improving data reliability by 10%.
- Collaborated with interdisciplinary teams to interpret results and explore innovative approaches in neurological research.
- Maintained and organized lab records, and prepared stakeholder friendly reports and presentations, turning experimental results into data-driven recommendations for faculty.
- Designed and executed 100+ experiments related to neurodegenerative diseases, driving forward innovative and data-driven research.

Student Worker – Compass Group

College Station, TX
Aug 2020 — May 2022

- Managed 100+ transactions, maintaining 100% accuracy in all financial processes.
- Delivered excellent customer service in a fast-paced environment, ensuring positive customer interactions.
- Developed strong interpersonal skills in a demanding and client-facing environment.

LEADERSHIP

- Retreat Committee, UT Health: Coordinated the 2024 PMDL work retreat for 20 staff members, managing event planning, budgets, and vendor relations 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 career development.

SKILLS

- Skilled in developing interactive dashboards and visualizations using Power BI and Tableau.
- Proficiency in Excel, Teams, Outlook, Word, and PowerPoint.
- Foundational coding skills in Python and RStudio for data cleaning, visualization, and analysis.
- Adept in querying large datasets using SQLite to resolve data inconsistencies and support business planning.
- Strong ability to manage tasks under deadlines; meticulous and organized.
- Non-technical stakeholder communication and strategic problem solving.

LINKS / REFERENCES

- [Google Data Analytics Certificate](https://tx.ag/EpinedaCertificateGit) (tx.ag/EpinedaCertificateGit)
- [Reference Letter](https://tx.ag/EpinedaRecLetterGit) (tx.ag/EpinedaRecLetterGit)
- [GitHub](https://emelypineda.github.io) (emelypineda.github.io)