

Thanh Le

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SUMMARY. Data Analyst with a unique blend of technical expertise and educational background. Proficient in Python, SQL, Power BI and Tableau, with a proven track record of leveraging data to drive strategic decisions and solve complex problems. Recently completed an intensive Data Analytics program at Rice University, complementing 7 years of experience in data-driven educational planning and stakeholder engagement. Seeking a challenging role to apply advanced analytical skills.

SKILLS

Programming: Python (Pandas, numpy, SciPy, scikit-learn, sklearn, hvplot, streamlit), SQL, JavaScript.

Data Analytics: PostgreSQL/pgAdmin, Tableau, Power BI, Matplotlib, Plotly, MongoDB, Extract, Transform, Load (ETL).

Machine Learning: Supervised Learning, Unsupervised Learning, Deep Learning, Modeling, Forecasting.

Front-End Web Visualization: JavaScript charting, Geomapping with Leaflet.js, Dashboarding, Bootstrap, CSS, HTML.

DATA ANALYTICS & VISUALIZATION PROJECT EXAMPLES

- **Mappy Meal.** I love maps and good food, so I created a dashboard mapping restaurants recommended by Tripadvisor. https://leedthanh.github.io/tableau_portfolio/
- **Heart Disease Risks Prediction.** Created a machine learning model, specifically trained on CDC's 300,000 data records, to predict heart disease risks. The model is powered by AI to take in user's inputs and analyze risks of heart disease. Resulting in 90% accuracy rates. https://leedthanh.github.io/true_heart_/left-sidebar.html
- **Health Care Nursing Homes.** Built a website to display nursing home's locations using Geomapping with Leaflet.js <https://leedthanh.github.io/True-Home/index.html> Pulled in data from various sources to provide stakeholder a list of 15,000 nursing homes ranked by 5 stars based on customized criteria.

WORK EXPERIENCE

Texas Comptroller of Public Accounts — *Data Analyst*, May 2024 – Present.

- Provide accurate, data-driven, unbiased economic research on issues affecting Texas economy. Produce articles for publication on important economic topics impacting the state. Help build dashboards with Tableau for external use and Power BI for internal use.
- Produce legislatively mandated reports and update databases to help Texas stay continuously informed.
- Conduct research to provide agency leadership and other divisions with information necessary for public engagement.

Pearland ISD — *Middle School Math teacher*, August 2020 – May 2023.

Houston ISD — *Elementary School Math teacher*, August 2016– June 2020

- Strategic Planning: Designed, adjusted, and implemented, based on real time data, long term units, and lesson plans to maximize students' academic outcomes resulting in (academic data for 40% growth goals met and 90% passing rate)
- Conducted data analysis to tailor instruction to improved academic outcome.
- Stakeholder Engagement: managed internal and external communications with over 100 families throughout the year resulting in (40% - 60% families engaged, positive feedback, improved students' behavior outcome)

EDUCATION

Rice University, Houston, Texas (Dec 2023)

Bootcamp: Data Analytics and Visualization Certificate

A 24-weeks intensive program focused on gaining technical skills like Python, SQL, Tableau, Power BI, Machine Learning, JavaScript needed to analyze and solve complex data problems.

Texas A&M University, College Station (Dec 2014)

Bachelor of Science in Political Science