Thanh Dinh Le

Houston, Texas

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LinkedIn [Embed link](#) | Github Portfolio [Embed link](#) |

SQL, Tableau, Data Analytics, Data Visualization, Python, Excel, PostgreSQL

EDUCATION Texas A&M University

Bachelor of Science — Political Economy, 2014

DATA ANALYTICS TRAINING

Data Analytics & Visualization Certificate, Rice University
SQL: Querying and Managing Data
Python: Pandas, matplotlib, numpy, SciPy, Statsmodels, scikit-learn, seaborn, plotly, hvplot.

DATA ANALYTICS & VISUALIZATION PROJECT EXAMPLES

- **Heart disease risks prediction.** Used Python libraries to build a machine learning model to predict heart disease risks. Analyzed patients' data from the CDC and group by age, race, and other categories. The model is powered by artificial intelligence AI to predict heart disease risks. [Embed link](#)
- **USA nursing homes.** Analyzed over 15,000 nursing across the US. Provided stakeholder a complete lists of nursing homes ranked by tier based on customized criteria. Group by states and cities for easy navigation. Built a website to display nursing home's locations on map using JavaScript and python. [Embed link](#)
- **COVID-19 data analysis.** Used Python to quantify COVID-19 infections and deaths rates over time, by States, and by Counties; published a Github repository to visualize results. [Embed link](#)
- **Crown funding ETL**. Building an ETL pipeline using python and pandas to extract and transform the data. Used CSV files data to create an ERD and a table schema and uploaded into a PostgreSQL database. [Embed link](#)
- **Mortgage loan identifier**. Analyzed client's financial data and built a machine learning model to approve or not approve mortgage loans. The model powered by AI correctly identify high-risk loan and healthy loan with an accuracy score over 90 percent. [Embed link](#)
- **School funding analysis.** Analyzed school spending budget and students test scores to improve students' performance. [Embed link](#)

WORK EXPERIENCE

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

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

- Implemented data-driven strategic planning resulting in academic growth.
- Conducted data analysis to tailor instruction to improved academic outcomes.
- Stakeholder Engagement: managed internal and external communications with families throughout the year to ensure students success.

NWN Corporation — *IT Support Tech*, January 2015 - May 2016

- Install, update, and maintain client's lease computers.
- Built a system to pick up, diagnose and replace client's computers.
- Identified and maximized sales opportunities and increased customer retention rates.