Thuy Nguyen

Seattle, WA | nthuynguyenn25@gmail.com | LinkedIn | GitHub | Tableau | Website

SUMMARY

Data Visualization graduate with 4+ years of operations experience using Excel to analyze sales and inventory data, prepare reports, and improve record accuracy. Skilled in SQL, R, Tableau, and Power BI, with project experience cleaning spatial datasets and building interactive visualizations.

EDUCATION

University of Washington | Bothell, WA *Sept 2023 - Dec 2025*

Bachelor of Science in Data Visualization, Minor in Informatics, Dean's List | GPA 3.5/4.0

Relevant Coursework: Database & Data Modeling, Data Science Foundations, Client-Side Development, Communication in Data Visualization, Web-Based GIS

Tacoma Community College | Tacoma, WA *Sept 2020 - Jun 2022*

Associate of Arts (DTA), College Bound Scholarship, Dean's List

PROJECTS

Peas on Earth: P-Patch & Light Rail Accessibility Map *Nov 2025 - Dec 2025*

- Built an interactive geospatial dashboard in JavaScript and Mapbox GL JS, integrating 3+ years of location data to help users query food access and transit patterns across Seattle.
- Standardized raw spatial data from 3 disparate sources into a clean GeoJSON pipeline, resolving inconsistencies and improving data reliability for downstream analysis.
- Designed interactive filtering and time-series controls, enabling non-technical users to independently identify food-access trends.

Yeast Protein Interaction Network Analysis *May 2025 - Jun 2025*

- Analyzed a network of 2,361 proteins and 7,182 interactions in R, using node degree to identify hub proteins and compare patterns across clusters.
- Built network plots and ranked charts with ggplot2 and ggraph to show the 10 most connected proteins at a glance.
- Presented key findings and flagged how study bias and dataset limitations could shape the conclusions.

TECHNICAL SKILLS

Data Analysis: SQL, R, Excel (PivotTables, lookup formulas), data cleaning, exploratory data analysis, regression analysis, data validation

Visualization: Tableau, Power BI, ArcGIS, Mapbox GL JS

Additional Technical Skills: HTML/CSS, JavaScript, Python, Firebase, Claude Code

WORK EXPERIENCE

Kim's Nails | University Place, WA *Jan 2021 - Jun 2025*

Operations Manager

- Analyzed weekly sales and inventory data across 10+ product lines in Excel, surfacing trends that informed launch decisions and contributed to a ~5% monthly revenue increase.
- Built bi-weekly stakeholder reports by aggregating sales, inventory, and vendor data into actionable summaries, giving ownership clear visibility into performance across all product lines.
- Tracked and reconciled inventory data across 10+ product lines, reducing reporting errors and keeping stock records accurate for a 4-person team.
- Coordinated data-informed scheduling for a team of 4+ staff, maintaining operational efficiency and service consistency during peak periods.