



BETELHEM YINGES

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EDUCATION

University of Washington, Bachelor of Science in Data Visualization and Analytics | Minor in Computer Science 2021- 2025

PROFESSIONAL SUMMARY

Experienced and solution driven Data Analyst and Visualization Specialist with a foundation in data visualization, data modeling, and engineering, seeking to transition into a dynamic team, leveraging technical expertise in Python, SQL, Tableau Azure, ETL to drive efficient scalable data solutions. Skilled in transforming raw data into designed executive dashboards, with proven results of developed solutions to bridge the gap between available resources and community needs for the Latino Educational Training Institute.

WORK EXPERIENCE

Data Analyst & Consultant – Data for Public Good, Latino Educational Training Institute, Lynwood, WA June 2023 – Present

- ❖ Analyze Latino demographic, healthcare, and business data to identify service gaps impacting 50,000+ Snohomish County residents.
- ❖ Build regression models in Python predicting a 20% rise in healthcare demand over 5 years; clean and join data from 10+ sources using SQL
- ❖ Deliver insights via interactive Tableau dashboards and ArcGIS maps to 100+ policymakers and stakeholders for data-driven funding decisions.

Front Desk Receptionist - University of Washington Bothell – Activities & Recreation Center September 2022 – Present

- ❖ Manage daily facility operations and deliver customer service in a fast-paced, high-traffic environment.
- ❖ Use Fusion software to track equipment check-in/out and respond to guest inquiries efficiently.
- ❖ Coordinate internal communications and scheduling using Microsoft Teams, Excel, and Outlook.

Data Strategy & Insights Lead (Contract) Fizz.social – Remote, Palo Alto, CA March 2023 – January 2025

- ❖ Built and scaled data pipelines to automate A/B testing and track engagement metrics, improving campaign experimentation efficiency by 40%.
- ❖ Designed and launched executive dashboards to surface customer sentiment and key performance indicators, influencing product and marketing roadmaps.
- ❖ Fostered stronger alignment between product, engineering, and design through data-driven strategy sessions, enhancing decision-making across teams.

Web Design Intern - Dear Digital Equity – Bothell, WA July 2023 – September 2023

- ❖ A project by University of Washington Bothell’s students Washington state's digital divide
- ❖ Implemented user behavior analytics to optimize engagement, increasing traffic to digital inclusion resources by 15%.
- ❖ Built secure and accessible interfaces with HTML/CSS/JS and improved digital resource access by 10%.

PERSONAL PROJECT

Fraud Detection System for Financial Transaction - (Independent Project, [Github](#)) - April 2025

- ❖ Developed a machine learning-based fraud detection system using Python (RandomForest) and SQL to classify financial transactions.
- ❖ Processed large scale transaction data from a PostgreSQL database, extracting key features like transaction amount, time, and user behavior for analysis. | Achieved high accuracy in identifying fraudulent transactions, improving fraud detection efficiency.

Immigration Trends Analysis (1980–2021) – (Independent Project, [Github](#)) - March 2025

- ❖ Analyzed U.S. immigration trends using Python to uncover patterns in LPR admissions, noncitizen removals, apprehensions, and refugee arrivals.
- ❖ Applied time series analysis, clustering (KMeans), and linear regression to assess the impact of policy changes and global events. Created visualizations to communicate insights on enforcement phases and demographic shifts. Tools: pandas, seaborn, scikit-learn.

TECHNICAL SKILLS

- ❖ **Languages:** Python (Pandas, NumPy, Scikit-learn, Seaborn, Matplotlib), SQL (PostgreSQL, MySQL), R, HTML, CSS, JavaScript
- ❖ **Data Analysis & Visualization Tools:** Tableau, Power BI, ArcGIS, RStudio, Jupyter Notebook, Google Colab, Anaconda, Azure Data Studio, Google BigQuery
- ❖ **Statistical & Data Tools:** SAS, Stata, Regression & Clustering Analysis, Hypothesis Testing, Network Analysis
- ❖ **Big Data & Cloud Platforms:** Apache Spark, Apache Hadoop, AWS, Azure
- ❖ **Development & Productivity Tools:** Git/GitHub, Figma, CI/CD, Test-Driven Development (TDD), Microsoft Office
- ❖ **Core Competencies:** Data Cleaning & Wrangling, Statistical Modeling, Machine Learning, Data Visualization, Project Management, Risk Assessment.

CERTIFICATIONS

- ❖ [SQL for Data Analysis](#) LinkedIn Learning | September 2024 - querying, filtering, and aggregating data, data visualization & reporting.
- ❖ [AT&T 2024 Tech Academy](#) | July 2024 - hands-on experience in cloud computing, machine learning / AI, statistical analysis & risk assessment, project management & cross-functional collaboration, and big data, focus on data-driven solutions.