

Thao Nguyen

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EDUCATION

Miami University | Oxford, OH

Combined MS in Statistics | GPA: 3.93/4.00

Aug 2023 – Aug 2025

BS in Data Science & Statistics with Business Analytics Co-Major | GPA: 3.88/4.00

Jan 2021 – Dec 2024

Minors: Actuarial Science, General Business

TECHNICAL SKILLS

- **Programming:** R, SQL, Python, SAS, HTML/CSS
- **BI & Visualization:** Power BI, Tableau, Microsoft Excel Suite (Excel, Word, PowerPoint)
- **Databases & Cloud:** MySQL, Access, Google BigQuery
- **Tools:** Git

WORK EXPERIENCES

Miami University

Oxford, OH

Statistical Consulting Center – Statistical Consultant Intern

May 2023 – Aug 2025

- Supported 20+ faculty and graduate student research projects by defining data requirements and translating needs into statistical solutions with the manager during meetings with the clients
- Cleaned, transformed, and visualized datasets in R, enabling discovery of key trends used for manuscripts and theses
- Applied statistical techniques based on client specifications and communicated analytical insights through summary reports

Evolv Technology

Waltham, MA

Business Intelligence Analyst Intern

Jun 2024 – Aug 2024

- Designed and implemented ARIMA and Exponential Smoothing models to forecast monthly bookings across key verticals, enhancing budget allocation and strategic resource planning for the next two quarters
- Analyzed sentiment in 80+ articles using Python, categorizing claims related to marketing, business practices, and technology, and extracting key insights on company perception to guide communications strategy
- Delivered ad-hoc analytical requests using Excel and PowerPoint, enabling rapid, data-driven business decisions
- Resolved Salesforce data discrepancies by identifying incorrect deal entries and initiating tickets to correct non-conforming data

Miami University

Oxford, OH

Data Collector

Jul 2023 – Dec 2023

- Collected and integrated academic data from multiple university sources to support evaluation of equity and inclusion metrics across STEM departments
- Utilized Power Query within Excel to efficiently process and standardize data, achieving a fivefold improvement in processing time and significantly enhancing accuracy

PROJECTS

Predicting Anxiety Levels Using Machine Learning

May 2025

- Analyzed a dataset of 11,000 records to explore the relationship between different predictors and the likelihood of participants having high anxiety using R
- Fitted multiple machine learning models and identified logistic regression as the top performer with lifestyle-related factors (sleep hours, physical activity level, diet quality, etc.) as key predictors, providing actionable insights on healthy lifestyle adjustments

Maven Market Sales Dashboard

Mar 2025

- Built a dynamic PowerBI dashboard leveraging 2 years of transactional data to uncover revenue and sales trends across different time intervals and customer segments
- Created custom DAX measures, KPIs, and interactive drill-down filters to empower non-technical stakeholders with actionable insights for marketing strategy and inventory optimization

First-Year Integrated Core – Key Bank Client Challenge

Aug 2021 – Dec 2021

- Earned the 2nd highest team contribution ranking in a cohort-wide business analytics competition
- Elevated Net Promoter Score by translating SQL-driven analysis of customer service data into actionable improvements
- Crafted a comprehensive slide deck for presentation to an audience consisting of approximately 10 esteemed professors, ensuring clear and impactful communication of key information

AWARDS AND ACHIEVEMENTS

American Statistical Association DataFest 2023 – First Place

Apr 2023

- Worked with teammates to deliver strategic guidance on client's customer reachability and human resources management
- Leveraged data manipulation and visualization techniques in R and Power BI to transform complex information into clear, concise narratives and presented to the stakeholders
- Diagnosed data collection issues and recommended survey design modifications to improve data accuracy