

# Thao Nguyen

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## EDUCATION

**Miami University** | Oxford, OH

**Combined MS in Statistics** | GPA: 3.93/4.00

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

**Minors:** Actuarial Science, General Business

Aug 2023 – Aug 2025

Jan 2021 – Dec 2024

## 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**

*Statistical Consulting Center – Statistical Consultant Intern*

**Oxford, OH**

**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**

*Business Intelligence Analyst Intern*

**Waltham, MA**

**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**

*Data Collector*

**Oxford, OH**

**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 2<sup>nd</sup> 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