**Yin Ho**

Urbana-Champaign, IL | yho@illinois.edu

**Education**

University of Illinois at Urbana-Champaign August 2024

**Skills**

Python, SQL, R, LaTex, Git, SAS, Power Bi, Excel, Words, Tableau

**Experience**

Statistical Consulting Service, University of Illinois at Urbana-Champaign Jan 2023 – May 2023

* Collaborated with professionals from various industries to solve complex data-related problems such as the comparison of WBPA and TEG-PM through blood component analysis
* Applied statistical tests such as Permutation test and Fisher's exact test to analyze small sample size data and provide insights to stakeholders
* Delivered presentations and communicated technical information effectively to clients with diverse backgrounds, resulting in highly positive feedback.

**Projects**

**Ames Housing Prices Forecasting** | R, xgboost, glmnet Feb 2022

* Cleaned data with 83 variables (missing value imputation, variable selection and winsorization, transformation).
* Developed models including LR with elastic penalty and XGBoost tree model and achieved RMSE about 0.13 by tuning parameters.

**Walmart Store Sales Forecasting** | R, lubridate,tidyverse Mar 2022

* Developed models such as naive time series, linear regression model with SVD based on a dataset containing 420K+ sales records.
* Achieved WMAE around 1608 by Linear Regression with SVD.