

Jasmine Siswandjo

NYU M.S in Applied Statistics

A dynamic problem solver with a passion for social impact and storytelling through numbers. Passionate about merging analytical prowess with software engineering finesse to drive impactful results.

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WORK EXPERIENCE

Teaching Assistant / Course Assistant NYU Steinhardt

09/2023 - 05/2024

New York, NY

Achievements/Tasks

- Collaborated in implementing course's first autograder, ensuring fairness, accuracy and reliability. Provided technical support to students, improving satisfaction and learning.
- Conducted labs, office hours and graded assignments for 2 postgraduate courses: Intermediate Quantitative Methods: General Linear Models, focusing on teaching regression from a simulation-based perspective, and Machine Learning & Messy Data, focusing on supervised machine learning and data wrangling.

Contact: Ravi Shroff (Associate Professor) - ravi.shroff@nyu.edu

Research Assistant NYU Queer Data Lab

09/2022 - Present

New York, NY

Achievements/Tasks

- Analysed and created visualizations of results for paper on improving demographic questions about sex, gender and sexual orientation, to inform policy and improve data collection methodologies for queer communities.
- Presented findings at NYU PRIISM Center seminar to stakeholders, including health professionals, government officials, and representatives from census bureaus.

Contact: Daphna Harel (Associate Professor) - daphna.harel@nyu.edu

Full Stack Developer The Artling

02/2020 - 10/2021

Singapore

Achievements/Tasks

- Developed seller outreach tools and improved seller interface, which grew inventory by \$500m within a year.
- Designed an in-house monitoring system of artworks using Amazon S3 to verify the quality of artworks from point of sale to final delivery.
- Implemented customer tracking using Matomo and Google Analytics to monitor web traffic and conversion rates and improve SEO optimization strategy.
- Integrated automated shipment generation capabilities to the site, resulting in 10% opt-in rate of eligible artworks within 24 hours of launch, increasing sales conversion.
- Built and automated sales and outreach metrics dashboard.

Contact: Martin Brochhaus (CTO) - martin@theartling.com

SKILLS

Proficient in R, Tidyverse, SQL, Python, JavaScript

Familiar with, Git, Bash, GIS, Spatial Analysis, Tableau

Languages: English (Fluent), Mandarin (Competent)

Machine and Statistical Learning, Predictive Modeling, Causal Inference, Linear Regression, Data Visualization

PROJECTS

NY False Fire Alarms Project (Available on <https://github.com/jasminess/false-fire-alarms-ny>)

- Proposed and executed machine learning methods (KNN, Logistic regression, Random Forest) to predict rate of false fire alarms, involving aggregating multiple datasets from NYC Open Data, in order to reduce burden of false fire alarms on city resources.

Impact Analysis of COVID-19 and Stop AAPI Hate on NYC Asian Restaurants

- Analysing the impact of COVID-19 and Stop AAPI Hate on Asian restaurants, using sentiment analysis on reviews and hate crime data.
- <https://github.com/jasminess/small-business-sentiment-analysis>

EDUCATION

MS in Applied Statistics for Social Science Research

New York University

09/2022 - 05/2024

3.95/4.0

Awards/Courses

- NYU ASH (Applied Statistics, Social Science, and Humanities) Scholarship Award (2023-2024)
- Causal Inference (A/B Testing), Bayesian Statistics, Machine Learning, Simulation, Survey Research Methods

BS/BA in Geography and Cultural Studies University of Sydney

02/2015 - 11/2018

3.86/4.0

Awards/Courses

- International Exchange Scholarship (2017)
- Peking University Summer Chinese Language Program