NISARGA KADAM

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EDUCATION

City University of New York - Hunter College   New York, New York
M.A. in Computer Science   May 2026

The Pennsylvania State University   University Park, PA
B.S. in Social Data Analytics   May 2023

SKILLS

- **Technical Skills**: Python, R, MySQL, Java, Javascript, HTML/CSS, LaTex, Linux, TensorFlow, Scikit-learn, Keras, PyTorch, Matplotlib, NLTK, Hadoop, Apache Spark, Tableau, Jupyter Notebook
- **Certifications & Awards:** Google Ads Certified, Autodesk Certified, Happy Valley Launch Box powered by PNC Bank Summer Founders Program Recipient 2022
- **Languages:** Fluent in English, Hindi, Punjabi, Marathi, Gujarati

RELEVANT EXPERIENCE

AIMADETHIS   New York, NY
Co-Founder   May 2021– Mar 2023
- Used a generative AI model to automate pattern creation for sustainable clothing by analyzing trending data
- Developed Tableau-based dashboards to refine marketing funnels, boosting conversion rates by 83% in one quarter
- Built and nurtured B2B and B2C partnerships with Wolf & Badger, Artists & Fleas, and Flying Solo NYC to sell sustainable fashion

Microsoft Teals K-12   New York, NY
Teaching Assistant   Aug 2020 – Sep 2021
- Taught 30+ high school students the foundational concepts in Computer Science using SNAP and Python
- Collaborated with teachers to create a fruitful remote learning experience for students by creating interactive lesson plans

PROJECTS

Influence of Fake Reviews on Quality Amazon Product Recommendation   Dec 2024
Python, SVC, Decision Trees, Logistic Regression
- Utilized an Ensemble Learning model to detect fake Amazon reviews and improve recommendations
- Collaborated with team members to design models, analyze data, and deliver a final report
- Compared classification model performance using F1-score

Government Spending On Female Labor Participation Rate   May 2023
Python, Ridge Regression
- Preprocessed and integrated datasets to analyze the impact of government spending on female workforce participation and deliver a report
- Administrated feature selection using Grid Search to optimize model performance

Heart Attack Risk Classifier   April 2023
Python, SVM, PCA
- Developed a Support Vector Classifier model to predict heart attack risk with an F1-score of 0.88
- Cleaned data, conducted feature engineering, and implemented Principal Component analysis for dimensionality reduction

Mayoral Partisanship Classifer   December 2022
R, rtweet, quanteda, dplyr
- Scraped 800+ tweets from the official accounts of U.S city mayors to analyze discourse using an API
- Incorporated text mining and built a Naive Bayes classifier to predict the mayor's political affiliation
- Drove sentiment analysis and visualized data on communication trends of city leaders