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, PHP, Linux, TensorFlow, Scikit-learn, Keras, PyTorch, Matplotlib, NLTK, Hadoop, Apache Spark, PowerBI, Tableau, Jupyter Notebook
- **Languages:** Fluent in English, Hindi, Punjabi, Marathi, Gujarati
- **Certifications & Awards:** Google Ads Certified, Autodesk Certified, Happy Valley Launch Box powered by PNC Bank Summer Founders Program Recipient 2022

RELEVANT EXPERIENCE

AIMADETHIS — New York, NY
Co-Founder — May 2021– Mar 2023

- Pioneered and launched a sustainable generative AI fashion brand
- Developed dashboards to refine marketing funnels, boosting conversion rates by 83% in one quarter
- Built and nurtured B2B and B2C partnerships with international boutiques and department stores

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

- Utilized an Ensemble Learning model (SVC with Bootstrap Aggregation, Decision Tree Classifier, Logistic Regression) to detect fake product reviews from Amazon
- Compared classification model performance using F1-score
- Combined real reviews and product metadata with BLaIR to deliver reliable product recommendations

Government Spending On Female Labor Participation Rate — May 2023

- Preprocessed and integrated datasets in Python using and implemented Ridge Regression model for analysis
- Conducted feature selection using Grid Search to optimize model performance
- Authored a 16-page paper presenting the background, literature, methods, results, and implications of policy

Predicting Sleep Based On Daily Activity Regressions — May 2023

- Explored Ensemble Learning (Support Vector Machine, Random Forest, and Linear Regressions) to predict sleep patterns
- Performed data preprocessing, data integration, and feature selection
- Produced a report documenting the methodology, findings, analysis, and future implications

Heart Attack Risk Classifier — April 2023

- Cleaned data by handling missing values, feature engineering, and one hot encoding categorical features
- Implemented Principal Component Analysis to pre-process further and utilized a Support Vector Classifier
- Obtained an F1-score of 0.88, displaying a solid harmony between precision and recall