

# AMREETA PRIYADARSHINI DAS

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## EDUCATION

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<b>University of California - Merced</b> , Merced, CA Ph.D. Political Science and Government	2021 — 2026 (Expected)
<b>University of Bristol</b> , Bristol, UK B.Sc. Politics and International Relations	2015 — 2018

## PROFESSIONAL EXPERIENCE

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<b>Political Economy of Agriculture and Rural Societies (PEARS) Lab</b> <i>Lab Manager</i>	Merced, CA, USA August 2023 - Present
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- Responsible for establishing and managing Political Economy of Agriculture and Rural Societies Lab, a computational social science lab at University of California Merced.
- Recruiting, supervising and mentoring undergraduate Research Assistants (RAs), prioritizing a balance of skills, diversity, and academic commitment.
- Conducting computationally rigorous research in the lab, utilizing deep learning techniques when necessary.

<i>Graduate Student Researcher</i>	August 2021 - July 2023
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- Contributed actively to numerous research projects, utilizing R for end-to-end data management.
- Applied machine learning techniques, including LSTM models, with Tensorflow and Keras to enable predictive analytics.
- Conducted extensive literature reviews and summarized complex information into concise, clear statements to advance comprehension and progress across various research fields.

<b>Boddle Learning</b> <i>Data Science Intern</i>	Tulsa, OK, USA May 2023 - July 2023
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- Employed Python libraries including Pandas and Matplotlib to conduct extensive data analysis, extracting large-scale datasets from PostgreSQL. This allowed for the identification of key trends and patterns using statistical models.
- Designed methods for analyzing the in-game economy, reward structures, and progression mechanics using multivariate analysis. The resulting data-driven design recommendations helped align the game's economics with player motivations and objectives, ultimately enhancing the overall user experience.
- Utilized Tableau in conjunction with Python to perform multifaceted statistical analysis and visualization, including the creation of interactive dashboards. These tools facilitated clear and effective communication of complex findings to stakeholders, enabling informed decision-making processes.

<b>Integrated Mountain Initiative</b> <i>Research Analyst</i>	New Delhi, India July 2019 - April 2021
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- Identified critical citizen needs through comprehensive primary and secondary research that involved online surveys and interviews. Submitted significant policy recommendations to government entities like NITI Aayog and the 15<sup>th</sup> Finance Commission based on the study's findings.
- Successfully executed development programs with emphasis on education, entrepreneurship in the Indian Himalayan Region, and sustainable tourism management.
- Coordinated several conferences and workshops aimed at developing community capacities, gaining a better understanding of citizen needs, and promoting effective knowledge transfer across various states.

<b>Office of Member of Parliament (Lok Sabha)</b> <i>Research Associate</i>	Sikkim, India June 2018 - June 2019
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- Enhanced government transparency and public engagement by overseeing the monthly production of "The Political and Economic Sikkim Journal".
- Conducted targeted group discussions and personal interviews to gain a precise understanding of community needs, providing invaluable insights for strategic development planning.
- Amplified the visibility of government initiatives and programs on a national level by spearheading the communication and outreach campaign for the Sikkim Democratic Front (SDF).

## TEACHING EXPERIENCE

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<b>University of California - Merced</b> <i>Teaching Assistant</i>	Merced, CA, USA
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| • POLI 003 Introduction to Comparative Politics                                   | Fall 2021, Fall 2022 |
| • COGS 001 Introduction to Cognitive Science                                      | Spring 2022          |
| • POLI 010 Understanding Political Controversies (Undergraduate Research methods) | Spring 2023          |

## CONFERENCES

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American Political Science Association 2023 (Presenter)

## SKILLS

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**Programming and tools:** R, Python, SQL, SPSS, Tableau, LaTeX, Qualtrics