

Nomondalai (Nora) Batjargal

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Education

University of the Pacific

MS in Data Science

San Francisco, CA

May 2025

University of Oxford

MA in Diplomatic Studies

Oxford, UK

October 2019

University of California, Los Angeles

BA in Political Science, Russian

Los Angeles, CA

June 2017

Experience

Community Dreams Foundation

Data Engineer

Remote, FL

September 2024 – April 2025

- Rebuilt data infrastructure and onboarded dbt and migrated 20+ production data models.
- Cut Snowflake costs by 20% by optimizing query logic and refactoring warehouse usage.
- Led ad frequency cap modeling effort, improving CTR by 21% and conversions by 34%.
- Managed Tableau administration and designed dashboards for marketing and financial reporting.

San Joaquin County

Lead Data Science Intern

Remote, CA

January 2024 – May 2024

- Led a team of 4 to analyze raw data from the San Joaquin Transportation Incentives program using Python, identifying travel behaviors. Produced 40-page transportation analysis, earning commendation.
- Developed a predictive machine learning model using scikit-learn and XGBoost to forecast the impact of incentives on transportation outcomes, achieving a 30% improvement in accuracy over previous models.
- Created over 20 visualizations using Power BI and presented findings to multidisciplinary stakeholders.

UOP Data Science Society

President

San Francisco, CA

September 2022 – May 2024

- Created a real-time traffic anomaly detection system in Python, normalizing web traffic data for analysis.
- Designed multi-domain attribution models to evaluate marketing campaign effectiveness.
- Delivered data stories through dashboards and visualizations to diverse stakeholders using Tableau.
- Ranked top 5% consistently across competitions analyzing behavioral datasets.

University of Oxford

Project Coordinator

Oxford, UK

October 2019 – June 2020

- Built long-term working relationships with the Government of Mongolia, leading an inter-ministerial Impact Working Group of 12 to design and legislate Social Impact Assessment Framework and data-driven policy for the mining sector. Produced a documentary on mining compensation in Mongolia.
- Organized and managed various in-person and remote trainings. Managed all project communications with different stakeholders, including media relations and nomad herders.

University of California, Los Angeles

Analytics Consultant

Los Angeles, CA

January 2016 – February 2017

- Automated ETL workflows using SQL and Python for internal data reporting.
- Modeled voter behavior using boosting, neural networks, and SVMs with non-linear transformations.
- Conducted end-to-end data wrangling using Pandas and produced executive-level reports.

Favorite Project

Pawtner – One Stop Shop for Pets

- Wrote Python script to combine pet industry projection from serialized hashmap files into a Pandas DataFrame, using BeautifulSoup, RegEx, and Selenium; applied Parallel Processing for efficiency

Technical Skills

Languages: Python, SQL

Technologies: dbt, Snowflake, Tableau, Power BI

Spoken Languages: English, Mandarin, Mongolian, Russian