

LUNA BELLITTO

lbellitto@outlook.com | (858) 241-7043 | linkedin.com/in/lunabellitto/

SUMMARY

Data analyst passionate about discovering insights from data to improve decision-making through statistical modeling and data pipelines. Experienced in building forecasting models, automations, and visualizations using Python, R, SQL, and Power BI.

EDUCATION

UNIVERSITY OF CALIFORNIA, SAN DIEGO

June 2025

Master of Science, Computational Social Science

JOHN CABOT UNIVERSITY

December 2022

Bachelor of Arts, International Affairs

SKILLS

Data Science:	PyTorch, TensorFlow, Machine Learning, Deep Learning, Neural Networks
Data Visualization:	Plotly, Power BI, Matplotlib, Seaborn, GIS, Tableau
Programming Languages:	Python, R, SQL, PostgreSQL
Soft skills:	Customer service, Team-Oriented, Attention to Detail, Effective Communication
Languages:	Italian, Spanish, French

PROJECTS

Capstone Project

9/15/2024 – 6/15/2025

- Developed a Python library for missing data imputation applicable to both tabular and non-tabular datasets.
- Applied machine learning and deep learning to build a model able to impute data.
- Improved accuracy and adaptability compared to the existing libraries (presented at the MPSA 2025 Conference).

Advanced Statistical Applications, Replication Project

1/10/2025 – 3/20/2025

- Replicated and extended models to measure how international organizations can reduce violence.
- Introduced new economic and demographic predictors that simplified the model and reduced prediction error.

Economics and Business Forecasting

1/10/2025 – 3/20/2025

- Developed and evaluated predictive models on more than 7,900 U.S. household records to estimate total wealth.
- Increased prediction accuracy and reduced cross-validated predictor error compared with traditional models.

EXPERIENCE

UC SAN DIEGO, San Diego, CA

1/12/2025 – 6/15/2025

Teaching Assistant

- Taught Python and statistical methods to help students apply programming in research.
- Raised students' proficiency from beginner to intermediate level, improving their ability to code and analyze data.

JOHN CABOT UNIVERSITY, Rome, IT

9/15/2022 – 12-21-2022

Research Assistant

- Built a cross-country database of laws on forced marriage, creating a unified resource for international comparison.
- Analyzed the data to uncover legal and enforcement gaps, producing evidence to inform policy recommendations.

PEACE VILLAGE, San Diego, CA

Assistant

6/1/2022 – 8/30/2022

- Supported refugee families by preparing and organizing legal documentation, helping with immigration procedures.
- Improved case management by enhancing data collection, ensuring greater accuracy and accessibility of records.

VOLUNTEERING

THE NEW GLOBAL ORDER

3/15/2024 - Present

Assistant

- Managed internal task coordination and maintained applicant tracking databases, strengthening organizational, communication, and data management skills.

SURVIVORS OF TORTURE, INTERNATIONAL, San Diego, CA

6/20/2023 – 12/20/2023

Research Assistant

- Produced legal briefs on trauma-related memory loss to support asylum-seekers, strengthening their cases during immigration hearings.