

ANABEL PICHARDO

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EDUCATION

Barcelona School of Economics (BSE)

Sep 2025 - Jul 2026

MSc in Data Science (Methodology) - in partnership with UPF & UAB | Barcelona, Spain

- **Thesis:** Generative Modeling by Optimal Transport - supervised by Prof. Gergely Neu (ICREA & UPF)

New Jersey Institute of Technology (NJIT)

2024

MS in Computer Science (Incomplete - 2 semesters completed) | Newark, NJ

Ithaca College

May 2019

BS in Corporate Finance | Ithaca, NY | Cum Laude | Dean's List

PROFESSIONAL EXPERIENCE

Senior Financial Analyst | Northeast Power Coordinating Council, NY

Jun 2022 - Aug 2024

- Built automated data validation pipelines to monitor budgets, revenue, and pipeline reporting data across 8 departments at a critical infrastructure organization overseeing bulk power grid reliability
- Designed real-time dashboards that replaced static reporting, enabling data-driven decisions across the organization
- Developed forecasting models using historical spend data to predict budget trends and improve multi-year planning accuracy
- Engineered the companywide migration to digital AP workflows from scoping requirements to driving adoption
- Maintained and secured financial data across platforms including Concur, ensuring data integrity across contract tracking pipelines
- Conducted budget variance analysis and presented findings to stakeholders and board members, identifying key cost drivers
- Provided logistical and financial support to department leads across budget planning, reporting, and resource allocation

Human Resource Intern | Oracle, NY

Jan 2019 - May 2019

- Supported campus-wide implementation of Oracle HCM systems; led training sessions and collaborated with HRIS/IT teams to configure automated workflows and ensure data consistency

Finance Assistant | New Roots Charter School, NY

Sep 2016 - Jan 2019

- Analyzed and audited financial records; created detailed reports and Excel-based tracking tools for payroll and vendor payments
- Conducted trend analysis on disbursement reports to enable more accurate financial planning and forecasting

PROJECTS

- Generative Modeling by Optimal Transport | Python, PyTorch, Optimization
- Causal Claims & Limitation Disclosure in Economics Journals | Python, spaCy, NLP
- Humanitarian Tweet Classification with BERT | Python, Hugging Face, BERT
- COMPAS Fairness Analysis | Python, pandas, Fairness Metrics
- Geospatial Dietary Similarity Analysis | R, Spatial Econometrics, FAO Data
- Min-Knapsack with Compactness Constraints | Python, Dynamic Programming, Optimization

RESEARCH INTERESTS

- AI safety and alignment - ensuring AI systems are safe, interpretable, fair, and transparent
- Applying statistical learning and ML methods to advance scientific discovery and real-world decision-making

SKILLS

- **Programming:** Python (pandas, NumPy, scikit-learn, PyTorch, TensorFlow/Keras), SQL/PostgreSQL, R
- **ML & Methods:** Neural Networks, Deep Learning, NLP, Causal Inference, Reinforcement Learning, Statistical Modeling, Optimization, Bayesian Methods
- **Tools & Platforms:** Power BI, Tableau, Excel, AWS, Git; English & Spanish (fluent)

HONORS & LEADERSHIP

- Du Bois-Mandela Award for Scholarship, Leadership & Service (2019)
- President, Business Intentional Club, Ithaca College Business School (2018-2019)