

Pedro T. Veloso

📍 San Francisco, CA

🌐 Brazilian (U.S. Permanent Resident)

 pedrotanureveloso

EXPERIENCE

- 2024 – Present **Senior Machine Learning Engineer, Economist**
Instacart, United States
- ML lead for a managed service of pricing solutions that generated +\$2M ARR from new contracts and managed \$4.1B GMV across retail partners.
 - Delivered an average Gross Transaction Value lift of +2.6 percentage points per retailer, resulting in +\$50.7M incremental GTV run rate for the company.
- 2021 – 2024 **Data Scientist**
Instacart, United States
- Built customer segmentation models using Bayesian methods to analyze heterogeneous treatment effects across experiments.
 - Led experimental design and causal inference analyses to measure long-term impact of product changes on key business metrics.
 - Promoted to Senior Data Scientist in 2023.
- 2017 – 2021 **Research Analyst**
Federal Reserve Bank of Minneapolis, United States
- Collaborated with economists on research in labor economics using causal inference methods and structural models.
- 2016 – 2017 **Teaching Assistant**
Department of Economics, University of Minnesota–Twin Cities, United States
- Taught PhD-level Econometrics covering regression, generalized method of moments, discrete choice models, and observational causal inference.

EDUCATION

- 2015 – 2021 **PhD, Economics**
University of Minnesota–Twin Cities, United States
- 2013 – 2015 **MA, Economics**
Pontifical Catholic University of Rio de Janeiro (PUC-Rio), Brazil
- 2008 – 2012 **BA, Economics**
University of São Paulo (USP), Brazil

LANGUAGES & SKILLS

- Speaking Portuguese (native), English (fluent), Spanish (fluent)
- Programming Python, SQL, Julia, MATLAB, Stata

PATENTS

- 2025 Counterfactual Evaluation of Policies for Categories of Items Using Machine Learning Prediction of Outcomes (US-12361361-B2)