

Diego Escobar Salce

descobarsalce@uchicago.edu • (312) 678-5684
[LinkedIn](#) • [Research Website](#) • Chicago, U.S.

Economics | Machine Learning | Econometrics

Tech-savvy economist with successive experience enacting all key facets of research projects, data science applications, market-level experimentations, and statistical modeling to drive evidence-based decision-making.

Education

Ph.D. in Public Policy
The University of Chicago, U.S., 2023

M.S. in Computational Analysis and Public Policy (MSCAPP)
The University of Chicago, U.S., 2023

M.A. in Economics (Financial Economics)
Pontifical Catholic University of Chile (PUC), Santiago, Chile, 2014

B.A. in Economics
Pontifical Catholic University of Chile (PUC), Santiago, Chile, 2013

Area of Expertise

Economic Analysis

Machine Learning Algorithms

Experimental Analysis/RCTs

Econometrics

Spillovers Effects Estimation

Statistical Analysis

Coding

Lifecycle Data Science Management

Labor Economics

Data Analytics

Technical Proficiencies

Python | R | SQL | Stata | MATLAB

Languages

English | **Fluent**
Spanish | **Native**

Qualifications Summary

- Highly analytical with proven ability in conducting research exploiting complex statistical and computational tools to solve complex problems.
- Technically astute with in-depth knowledge of statistical methods, econometrics, microeconomics, and machine learning techniques, as well as various programming languages/software, including Python, R, SQL, Stata, and MATLAB.
- Demonstrated history of successfully collaborating with technical and non-technical partners conducting applied research to produce concrete recommendations.
- Proficient communicator with a solid track record of instructing students, securing performance bonuses by obtaining outstanding student reviews.

Career Experience

University of Chicago, Chicago, IL Ph.D. Researcher	2017 – Present
Steer end-to-end functions associated with the deployment of experimental and quasi-experimental methods to evaluate the contagion effect of peers on individuals. Successfully employ supervised machine learning to synchronize large and unconnected text data sources.	
<ul style="list-style-type: none">• Developed a strong understanding of the latest statistical tools by obtaining field specialization in Econometrics (Economics Department).• Instructed 12 Ph.D. and masters' level courses in Econometrics/Statistics, and Microeconomics at the Harris School of Public Policy and Booth School of Business.• Get to know my current research projects at https://descobarsalce.github.io	
J-PAL Poverty Action Lab, Santiago, Chile Research Associate	2015 – 2017
Headed operations related to design, development, and execution of individual/market level experiments, including RCTs and A/B testing.	
<ul style="list-style-type: none">• Fostered productive relationships with technical and non-technical partners such as international organizations, ministries, and NGOs.• Prepared and communicated high-quality reports for our partners to orchestrate results.	
PUC Chile, Economics Department, Santiago, Chile Research Assistant	2014 – 2015
Employed and deepened knowledge of quasi-experimental methods to tackle economic questions quantitatively.	
<ul style="list-style-type: none">• Measured labor force responses to government regulations by coding economic simulations in MATLAB.	