

# Curriculum Vitae

Esteban Degetau

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## Profile

Economist with expertise in causal inference, public finance, and policy evaluation. Experience leading analytical teams in government and academia, with a focus on incorporating rigorous statistical tools into program design and evaluation. Interested in labor markets, social protection, and the use of data for public impact.

## Research Interests

Labor economics, social protection, applied econometrics, causal inference, public finance, data science for policy

## Education

**Instituto Tecnológico Autónomo de México** - Expected 2025

Master in Applied Economics

**Massachusetts Institute of Technology** - 2022

MicroMasters in Data, Economics and Development Policy

**Instituto Tecnológico Autónomo de México** - 2021

BA in Economics – Specialization in Law

## Public Service

**Subjefe de División, Política Fiscal** – Instituto Mexicano del Seguro Social (IMSS), 2023 - Present

- Lead analytical planning and policy evaluation in the areas of labor market enrollment and social security collection, using administrative data and quasi-experimental methods.
- Direct research on collection opportunities and compliance strategies using econometric modeling and machine learning techniques.
- Evaluate the projected impact of hypothetical policy reforms, such as eligibility rule changes, on employment, wages, and institutional revenues.
- Manage and mentor a team of analysts, advancing multiple projects to (i) improve record linkage with national surveys, (ii) automate reporting workflows, (iii) enhance the rigor and clarity of policy-facing deliverables, and (iv) integrate stronger empirical foundations into ongoing evaluations.

## Research Experience

**Research Assistant**, ITAM – Center for Economic Research (CIE), 2022 - 2023

*J-PAL Project*

- Supported Enrique Seira and Joyce Sadka in field implementation and data analysis for randomized and quasi-experimental evaluations of labor court reforms.
- Developed independent research, including a heterogeneous treatment effects analysis, which became the basis for my undergraduate thesis.

- Managed daily data workflows and delivered rapid-turnaround analyses to guide field operations and policy design.

## Teaching

**Instructor**, Instituto Mexicano del Seguro Social (Spring 2025)

*Herramientas estadísticas en R*

Course materials

**Teaching Assistant**, ITAM (Fall 2022 - Spring 2023)

*Economic Analysis of Law (Undergraduate)* – Joyce Sadka

## Private Sector

**Business Analyst**, CEROMULTAS (2019 - 2021)

- Evaluated legal risk and compliance using operational data.

**International Trade Analyst**, T-Rez Consulting (2018)

- Supported trade compliance analysis for international clients.

## Technical Skills

- **Programming:** R (expert), Python (intermediate), SQL, Stata, SAS
- **Tools:** Git, Quarto, Power BI, LaTeX
- **Methods:** RDD, DID, matching, IPW, random forests, GRF, data visualization

## Recognitions

- Honorable Mention, COFECE Undergraduate Essay Contest – 2021

## References

Available upon request.