

# DIEGO LÓPEZ TAMAYO

Mexico City

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Economist with expertise in sectoral and regional analysis and forecasting for Mexico and the United States, focused on manufacturing, energy, telecommunications, transportation, and international trade. Skilled in industrial organization, network economics, regulated markets, and competition policy. Leverages economic modeling and financial tools to generate actionable insights and support inclusive economic development.

## PROFESSIONAL EXPERIENCE

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### Senior Economist BBVA Reserach Mexico

*June 2021 - Present Day*

Sectoral and regional analysis and forecasts for Mexico and the USA.

Big Data and BI project management. Consulting for business and risk units.

BBVA Garanti International Development Program, Istanbul, Türkiye. Nov. 2024

Publications: [www.bbvaresearch.com/author/diego-lopez](http://www.bbvaresearch.com/author/diego-lopez)

### International Business Research Groningen

*March 2019 - September 2019*

Local Consultant for IBR 2019 Mexico - University of Groningen.

Mexico: Dairy Industry Report & Market Research.

[www.ibr-groningen.nl](http://www.ibr-groningen.nl)

### Center for Economic Research on Innovation (CEPCyT)

*January 2016 - July 2019*

Research assistant for Dr. Leonel Corona Treviño.

Topics: economic innovation, entrepreneurship and economic theory.

[www.cepcyt.org](http://www.cepcyt.org)

## EDUCATION

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### London School of Economics and Political Science (LSE)

*June - July 2024*

International Economics. LSE Summer School

International trade theory and policy. International macroeconomics.

### Barcelona School of Economics (BSE)

*May - June 2023*

Professional courses. Quantitative Methods for Competition Analysis

Market definition, merger analysis and quantifying damages.

### El Colegio de México (Colmex)

*August 2019 - June 2021*

Master in Economics. Department of Economics CEE.

Thesis: *Hedonic Pricing Analysis for Airbnb in Mexico City*

### University of Warwick, UK

*January 2018 - July 2018*

Academic exchange program.

Time Series, Industrial Organization and Labour Economics.

### Universidad Nacional Autónoma de México (UNAM)

*August 2014 - June 2019*

Bachelor in Economics (with honors).

Thesis: *Ride-sharing platforms in Mexico City: Economic theory and empirical evidence.*

## TEACHING EXPERIENCE

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### El Colegio de México (Colmex)

January 2023 - Present Day

Professor: Economic Networks. Graduated level. Theoretical models and application of network formation algorithms in Python (NetworkX)

Professor: Financial Accounting. Undergrad level. CFA Financial Statements Analysis

### Universidad de Guanajuato (UGTO)

May - June 2022

Course: *Intermediate Python for Economists* for professors of the Department of Economics and Finance. Scipy, Geopandas, Seaborn and NetworX applications

Course: *Analysis of Economics Data with Stata*. Econometric models for panel data and time series

### Faculty of Economics UNAM

January 2017 - December 2018

TA in Mathematics for Economics. Undergraduate level. Prof. Araceli Borja Rodriguez.

TA in Innovation and Technological Change. Undergraduate level. Prof. Leonel Corona Trevino.

## RESEARCH

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### Hedonic Price Analysis for Airbnb in Mexico City

August 2021

*El Colegio de México. Working Papers No. VII 2021*

With Aurora A. Ramírez-Álvarez.

### Economic, distributive and environmental effects of the elimination of IUSC exemptions in Costa Rica

December 2021

*Consultancy. Economic Commission for Latin America and the Caribbean (ECLAC)*

With Francisco Castillo Cerdas and Carlos A. López Morales.

## LANGUAGES AND SOFTWARE SKILLS

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### Languages

Spanish (native). English (TOEFL iBT). French (DELFB2).

### Modeling and Analysis

R, Stata, Python, PySpark, SQL

### Software & Tools

MS Office, L<sup>A</sup>T<sub>E</sub>X, Git, Adobe Suite, Google Data Studio, Power BI

### Projects portfolio

[diego-eco.github.io/toolkit.html](https://diego-eco.github.io/toolkit.html)

### Natural Language Processing (NLP)

February - March 2024

Bourbaki College of Mathematics Mexico. Data Science Track

Sentiment Analysis. BoW, TF-IDF, Regularization. Topic Modeling (LDA)

Word Embeddings, Encoder-Decoder, Fine-Tuning and introduction to LLM (BERT and GPT)

### Data Specialist Fundamentals

April - June 2022

Data Science Program. BBVA Campus

Exploratory data analysis with Python and SQL. Statistics and machine learning applications with Spark (PySpark environment) for Big Data

### Machine Learning : Feature Engineering

October - December 2021

Universidad Carlos III Madrid.

Boosting models, MSV, Multivariate analysis, dimensionality reduction.