DIEGO LÓPEZ TAMAYO

Mexico City

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Economist with experience in sector analysis and forecasting for manufacturing, energy, telecommunications, transportation, and foreign trade. I focus on industrial organization, network economics, regulated sectors, economic competition, and digital markets. I am passionate about using financial tools to promote development and reduce inequality in our society.

PROFESSIONAL EXPERIENCE

Senior Economist BBVA Reserach Mexico   *June 2021 - Present Day*
Sectoral and regional analysis and forecasts for Mexico and the USA.
Big Data and Business Intelligence project management.
Consulting for business and risk departments.
Publications: ***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

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

EDUCATION

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

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. Undegrad 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

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

Languages	Spanish (native). English (TOEFL iBT). French (DELF B2).
Modeling and Analysis	**R**, **Stata**, **Python**, **PySpark**, **SQL**
Software & Tools	MS Office, LaTeX, Git, Adobe Suite, Google Data Studio, Power BI
Projects portfolio	*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.