

Paulo Cavallo

Dallas-Fort Worth, Texas
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<https://pmcavallo.github.io/>

Professional Summary

Strategic and analytical Senior Model Developer with a Ph.D. in Political Economy and 5+ years' experience in predictive modeling and risk analytics within regulated financial environments. Proven ability to translate complex business challenges into data science solutions, leveraging SAS, SQL, and Python to drive strategic forecasting and model development. Adept at collaborating across technical and non-technical teams to deliver clear, actionable insights, with growing fluency in scalable analytics and modern data science tools.

Professional Experience

Model Development, AVP (2020 - 2022) and VP (2022 - Present) - Comerica Bank

Led cross-functional modeling projects from design through implementation, coordinating timelines, prioritizing deliverables, and aligning stakeholders.

Translated regulatory and business questions into predictive models using economic, behavioral, and transactional data; applied econometric and statistical modeling to support scenario analysis and strategic forecasting.

Presented technical documentation and model results to validation and business leadership, including collaborative work across technical and non-technical teams.

Teaching Assistant & Instructor - The University of Texas at Dallas, United States (2015 - 2020)

Assisted, designed, and taught undergraduate and graduate courses with a focus on political economy, macroeconomics and quantitative methods.

Project Specialist - Dallas Regional Chamber, U.S. (2016)

Performed market analysis for the international participation of the Chamber and member cities. Presented results to stakeholders and the Chamber's board of directors.

Senior Consultant - Intertrade Export & Import Ltda, Brazil (2012 - 2015)

Served as a liaison with clients, producers and government officials in Brazil and Africa.

Education

Ph.D., Public Policy and Political Economy, The University of Texas at Dallas.

M.Sc., International Political Economy, The University of Texas at Dallas.

M.Sc., Environment and Development, King's College London, U.K.

B.A., International Relations and Development Studies, London Metropolitan University, London, U.K.

Statistical & Technical Skills

Modeling and Analysis: Predictive Modeling, Geo-spatial Modeling, Multilevel/Multinomial/Fractional Logistic, Machine Learning, Time-Series/Loss Forecasting Modeling.

Data Science: Data Mining, Data Cleaning, Feature Engineering, and Data Visualization.

Programming and Tools: R, SAS, Python, Stata, SQL, ArcGIS, Tableau, L^AT_EX.

Certifications & Additional Training

Graduate Certificate in Geographic Information Systems; Graduate Certificate in Economic and Demographic Data Analysis; Machine Learning - The University of Texas at Dallas.

Social Sciences Data Analysis Summer Institute - University of Essex, U.K.

Executive Degree in Trade Policy, Harvard Kennedy School of Government.

Selected Publications

Cavallo, Paulo. 2021 "Foreign Investment and Right-to-Work Laws." *Business and Politics*, 23(3), pp. 406-418

Cavallo, Paulo. 2019. "Brazil, BITs and FDI: A Synthetic Control Approach." *Journal of World Investment & Trade*, 20(1), 2019, pp. 68-97.

Languages

English, Spanish, Portuguese (fluent); French, Italian (advanced)