

TAMER CETIN, Ph.D.

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ECONOMIST/DATA SCIENTIST

Oakland, CA, USA

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SUMMARY:

- Ph.D. in Economics and 14 years research and teaching history with a specific focus on *Microeconomics*, *Industrial Organization*, *Economics of Regulation and Antitrust*, and *Law and Economics*
- Econometrics/Data Science background utilizing Python, SQL, Stata, and EViews for the entire data analysis workflow including data wrangling, data storytelling, data visualization, exploratory data analysis, and applying machine learning models to big data
- Currently seeking Data Scientist, Data/Business/Market Analyst, Economist, Competition Economist, Regulatory Economist, Energy Economist, and Economic Consultant opportunities

TECHNICAL SKILLS AND HONOURS:

Languages: Python, SQL, Stata, Gretl, Eviews

Data Collection: JSON, CSV, API, Web-Scraping, XLS

Data Visualization: Matplotlib, Seaborn, Plotly, ggplot

Machine Learning/Econometrics: Hypothesis Testing, A/B Testing, Linear Regression, Logistic Regression, Multivariate Regression, Cointegration with Structural Breaks, Panel Data, Time Series Analysis, (Non)Structural Analysis, Classification, Naive Bayes, Clustering, Game Theory

HIGHLIGHTS:

- * 14 years of teaching experience on *Microeconomics* and microeconomics-based courses such as *Microeconomics*, *Industrial Organization*, *Economics of Competition and Regulation*, *Energy Economy*, *Transport Economics*, and *Law and Economics*
- * Strong empirical research track record on *Applied Economics* and *Economic Policy* evidenced by authorship of numerous papers, books, and book chapters
- * Consulted with major companies on pricing, market power, market definition, and market analysis
- * Hands-on experience with a variety of machine learning / economic / statistical / econometric models, including time series analysis, microeconometrics (logit and probit models), panel data, multivariate regression, cointegration with structural breaks, and game theory
- * Ranked within the first 200 in 125000 academics in the academic evaluation of 2016 in Turkey
- * Excellent oral presentation and communication skills – more than 30 talks at conferences and other platforms
- * Op-Ed articles on regulation and competition in the national newspapers (*Zaman*, *Radikal*, and *Star*) during the transition to market-based economy from patrimonial state in Turkey

EXPERIENCE:

Academic -----

Springboard - - - Fellow (Data Scientist/Machine Learning - - - 2019 - 2020

Hypothesis Testing, A/B Testing, Linear Regression, Logistic Regression, Panel Data, Time Series Analysis, Classification, kNN, Random Forest, Naive Bayes, K-Means Clustering, Neural Networks

Hamburg University (Germany) - - - Visiting Professor - - - 2019 - ...

Doing research by using individual-level micro-data and logistic regressions and signaling games
Teaching *Economics of Competition and Regulation* at PhD level

Northeastern University (USA) - - - Lecturer - - - 2017-2018

Taught *Principles of Economics*, *Advanced Microeconomics*, and *Industrial Organization* at both graduate and undergraduate levels

Authored 3 papers on Market Definition in Telecommunications (published in *Journal of Economic Issues*), Airlines Deregulation (published in *Journal of Transport Economics and Policy*), and Anti-tobacco Regulations (published in *Health Policy*)

Yildiz Technical University (Turkey) - - - Associate Professor - - - 2010 - 2017

Authored 10 empirical research papers in time series and panel data econometrics with aggregate and individual level data using estimation strategies such as logit and probit models, Johansen cointegration test with structural breaks, and pooled OLS strategies

Published five books on regulation and competition

Conducted 7 research projects supported by my own university and Turkish Sciences Academy

Taught *Microeconomics*, *Industrial Organization*, and *Economics of Competition and Regulation*

Mentored three Ph.D. and four Master dissertations successfully

University of California, Berkeley (USA) - - - Post-Doc - - - 2013 - 2015

Conducted a comprehensive research in transportation and telecommunications industries

Bulent Ecevit University (Turkey) - - - Assistant Professor - - - 2007 - 2010

Taught *Microeconomic Theory* at graduate and undergraduate levels with focus on *Game Theory*

Authored research papers on microeconomics policies in network industries

Industry/Consultancy -----

Turkish Telecom (Turkey) - - - Consultancy - - - 2011 - 2013

- Defended Turkish Telecom, which is the biggest (telecommunications) company in Turkey, against Competition Authority regarding its monopoly power and market abuse in the context of antitrust and regulatory issues

- Prepared a policy report, which was supported by data analysis, clarifying how to define a market strongly affected through rapid technological developments by introducing a novel economic and econometric model

-Developed bundle sale strategies

Istanbul Metropolitan Municipality (Turkey) - - - Consultancy - - - 2010 - 2012

Using intra-city data on taxicab services, developed a model showing how a taxicab market effectively works

EDUCATION:

Post-Doc. University of California, Berkeley (2013-2015)

Ph.D. Economics, Uludag University, Turkey (2003-2007)

M.A. Economics, Bulent Ecevit University, Turkey (2001-2003)

B.S. Economics, Bulent Ecevit University, Turkey (1996-2000)