

Alessandro Tang-Andersen Martinello, PhD

www.alemartinello.com | +45 21308144 | martinello.alessandro@protonmail.com | [in](#) [LinkedIn](#)

Goal-oriented, enthusiastic and motivating people leader

I am driven by making changes happen, and by the impact of my work. Passionate for innovation and data analysis, with over 10 years of experience in extracting actionable insights from messy, large scale real-world data.

Supporting data-driven decision-making through data insights

I established and lead a team of data scientists that exploit innovative data and methodological approaches to provide our governors with actionable policy insights, combining causal inference with machine learning to inform strategic decisions. I report to steering committees, present results of high-stake projects to the board of governors, and prepare material for top stakeholders in ministries and authorities.

Development-focused leader

I focus on continuous development of team members, pushing them to achieve their potential through coaching, feedback, reach assignments, and a high level of psychological safety in the team. I lead by example, empowering team members and delegating ownership, but being ready get my hands dirty and help pushing projects when appropriate.

Thriving in a multidisciplinary environment

My team includes both economists and physicists, and I routinely work closely with data engineers. I spar with legal experts and risk managers for assessing project risk and ensuring regulatory compliance.

Experience

10/2022-

Head of Data Science, *Danmarks Nationalbank*

Responsible for a diverse team of data scientists and analysts. I drive the adoption of data science and agile best practices within Financial Stability, modernizing the department's analytical processes to optimize code-sharing and analytical replicability, and reducing the time-to-market of large-scale microdata analyses.

06/2021-10/2022

Principal Data Scientist, *Danmarks Nationalbank*

Coordinated the Data Science analytical agenda of the central bank. I led a team of data scientists executing advanced analytical projects, both across the organization and with external stakeholders, using real world microdata. Examples include micro-level credit card transactions, administrative registers, and energy reports on real estate.

03/2019-06/2021

Senior Data Scientist, *Danmarks Nationalbank*

09/2016-02/2019	Assistant Professor, <i>Lund University, Department of Economics</i> Responsible for PhD supervision and teaching graduate level courses. Co-developed Annie™ MOORE, a software currently in use by HIAS to optimally allocate refugees across the United States. Published in high-level, peer-reviewed journals.
09/2014-08/2016	Postdoctoral fellow, <i>Lund University, Department of Economics</i>
01/2013-06/2013	Research Associate, <i>Harvard University, Department of Economics</i>
07/2011-06/2014	Ph.D. Candidate, <i>University of Copenhagen, Department of Economics</i>
08/2010-06/2011	Research Assistant, <i>SFI – Danish National Centre for Social Research</i>

Skills and competences

Programming/Software	Python, SQL, Stata, Git
Languages	Italian, English, Danish
Leadership and Management	Member of the network for professional project managers at the Danish Central Bank Den Nye Leder (“The new manager”) certification by Center for Ledelse (2021)

Education

2014	Ph.D. in Economics, <i>University of Copenhagen</i>
2010	M. Econ (w/honors), <i>Cá Foscari University of Venice</i>
2008	B. Econ (w/honors), <i>Cá Foscari University of Venice</i>

Honors/awards/appointments

2022-	Advisory Board, Master in Data Analytics and Business Economics, Lund University
2017	Labor Prize, Italian Congress of Econometrics and Empirical Economics, best conference paper in Theoretical or Applied Microeconometrics
2014	1 st place @ the Econometric Game (University of Copenhagen team)
2012	Scholarship Bonaldo Stringher (Bank of Italy), best M.Sc. thesis in Economics Riccardo Faini award (University of Venice), best M.Sc. thesis in Economics

About myself

I am originally from a small touristic town close to Venice, Italy. I first moved to Denmark in 2009 as part of my master level studies.

I live in Frederiksberg with my wife, my daughter, and my son. I enjoy running, rugby, playing the bass, and occasionally experimenting on Raspberry Pi, but nowadays my favorite activity is to spend time with my family. I still go running sometimes.