Rebecca Janßen

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Education

University Zurich **Oct. 2019 – today**
Doctoral Studies "Management and Economics", 1st Supervisor: Ulrich Kaiser *Zurich, Switzerland*

University of Münster **Oct. 2016 – Aug. 2018**
Master of Science in Economics, Top 1% of class *Münster, Germany*

Leuphana University Lüneburg **Oct. 2013 – Jul. 2016**
Bachelor of Arts in Business Administration and Economics, Top 1% of class *Lüneburg, Germany*

Werner-Jaeger-Gymnasium **Aug. 2005 – Jul. 2013**
A-Levels, Top 1% of class *Nettetal, Germany*

Relevant Coursework

- Advanced Microeconomics
- Advanced Microeconometrics
- Text Analysis
- Machine Learning
- Applied Theory for Empiricists
- Obtaining Data from the Internet

Experience

ZEW – Leibniz-Centre for European Economic Research **Oct. 2018 – today**
Researcher, Digital Economy Department *Mannheim, Germany*

- Research Projects with Focus on Digital Platforms
- Support of a Member of the Commission of Experts for Research and Innovation

University of Münster **Nov. 2016 – Sep. 2018**
Student and Teaching Assistant *Münster, Germany*

Ministry of Economics, Innovation, Digitization, and Energy (NRW) **Sep. 2017 – Sep. 2017**
Internship, Economic Policy Department *Düsseldorf, Germany*

Leuphana University Lüneburg **Mar. 2015 – Aug. 2016**
Student and Teaching Assistant *Lüneburg, Germany*

Institute for Employment Research **Apr. 2016 – May 2016**
Internship, Forecasts and Macroeconomic Analyses Department *Nuremberg, Germany*

ifo Institute Munich **Mar. 2016 – Apr. 2016**
Internship, Center for Macroeconomics and Surveys *Munich, Germany*

Grants and Awards

German Academic Scholarship Foundation **Mar. 2016 – Aug. 2018**
Scholarship, Competitive National Endowment Awarded to 0.5% of Students in Germany *Germany*

Extracurricular

TechLabs e.V. **Aug. 2020 – today**
Extracurricular Activity in a NPO Offering Tracks on AI, Data Science, WebDev, and UX *Germany*

- Global Board Member Responsible for Three Teams, Dec. 2020 – today
- Global HR Manager, Aug. 2020 – Dec. 2020

German Academic Scholarship Foundation **Jun. 2017 – Nov. 2018**
Extracurricular Activity *Germany*

Technical Skills

Languages: STATA (Advanced), Python (Basic; especially Webscraping), R (Basic)

Application to Doctoral Student Workshop on Economics of Artificial Intelligence

Dear all,

thank you very much for organizing the NBER Doctoral Student Workshop on Economics of AI. As I was allowed to participate in the Digital Economics Tutorial in March I already know about the great pleasure to apply for this virtual event. Therefore, you find some further information about my research projects and interest in the topic in the following.

I am looking forward to hearing from you.

Best regards,
Rebecca Janßen

Contact Information

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Research interests and projects

Due to my affiliation with ZEW's Digital Economy department most of my projects are directly related to the consequences, and challenges of digitization. In this regard, I mainly focus on digital platforms.

My first two projects are less connected to the technology of AI but good examples of big data analysis and needs of appropriate tools. In the first one, using a large dataset reflecting almost all apps in the Google Play Store, we analyze whether the GDPR led to a lost generation of innovative apps, and associated welfare effects. The project is joint work with Reinhold Kesler, Michael Kummer, and Joel Waldfogel.

Secondly, there is a project about the neutrality of digital platforms and mechanisms of premium memberships. Using a panel dataset of around 120,000 physicians on Germany's largest online physician rating platform we investigate effects of premium memberships on

several outcomes. It is joint work with Reinhold Kesler, and Ulrich Laitenberger. Large rating platforms are application examples when talking about detecting fake reviews by means of underlying algorithms. As differentiating between true and fake reviews is crucial for us I am highly interested in the dissemination and application of algorithms based on AI methods to this end.

Third, I have gathered data from a large wine platform. Due to the rich dataset including reviews (in different languages) and user characteristics I will apply machine learning and text analysis methods to extract information for the main analysis. For this reason, I would be pleased to get some input on AI as research tools in Economics.

Lastly, I am not only interested in AI as a methodological tool but also in the effects of AI on economic outcomes. This is especially true in the healthcare sector as there have been quite some new regulations in Germany regarding digitization which we are about to start investigating.