



CONTACTS

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- ✉ Research profile: [Google Scholar](#)

VISA STATUS

Niederlassungserlaubnis, Indian

FAMILY STATUS

Single

LANGUAGES

English: Native or bilingual

German: B1 Niveau

French: B2 Niveau

CERTIFICATIONS

- IBM Data Science Professional Certificate
- Google Data Analytics Professional Certificate
- Product Management Certification+Agile Product Owner+Scrum
- Cognigy.AI Developer and Conversation Design Course

DR. SUMIT DEOLE

Data Mercenary and Product Owner

A Ph.D. (economics) with years of experience in data-driven decision-making using cutting-edge data science techniques is seeking a Product Owner position in an exciting and dynamic company. My work philosophy involves a stakeholder-centric data-driven approach to product development and market research and a strong work ethic with demonstrated success working independently and in collaboration within diverse team environments.

TECHNICAL SKILLS

Technologies: SQL, Python (transformers, scikit-learn, seaborn, matplotlib, pandas), R, PowerBI, Figma, STATA

Keywords: Agile software development – SCRUM, Azure DevOps, CI/CD, Data-driven product development, Natural Language Processing (Hugging Face, RoBERTa), Causal inference, aggregation, clustering, classification, predictive analytics, similarity matching, Big and small datasets

EDUCATION

- | | |
|---|---------------|
| Ph.D. in Economics
University of Halle-Wittenberg, Germany | 📅 2013 - 2019 |
| Master in Public Policy and Development Economics
Toulouse School of Economics, France | 📅 2012 - 2013 |
| Maîtrise in Ingénierie Economique et Financière
Aix-Marseille School of Economics, France | 📅 2010 - 2012 |
| Bachelor of Technology (Electrical Engineering)
University of Mumbai, India | 📅 2004 - 2008 |

WORK EXPERIENCE*

- Product Owner** 📅 05-2022 – 09-2022
Cognigy GmbH
- Project management with SCRUM
 - Facilitate cross-functional team collaboration and organize sprint planning to realize product goals – Goal tracking using Leapsome OKRs
 - Ideate and implement a customer-centric product roadmap for two products providing Analytics and CCaaS solutions in the fast-paced Conversational AI industry
 - Foster interaction with internal stakeholders and conduct competitor analysis and collect customer feedback to continue nurturing the product backlog

Toolbox: Azure DevOps, CI/CD, VS Code, Leapsome, OData analytics, Power BI, Figma

- Postdoctoral fellow** 📅 11-2021 – 04-2022
Universität der Bundeswehr München

- Develop and employ the best quantitative models of causal inference to predict individual behaviors and decisions
 - employ first-difference (FD) estimator to estimate the impact of increased home office frequency on employees' work from home productivity (1)
 - exploit the exogenous variation in individuals' negative emotions induced by the death of their parent and estimate the causal impact of emotions on anti(pro)-immigration voting in Germany (2)
 - write scientific summary of the statistical analysis for wider reach (3)
- Ensure effective data massaging for the optimum value extraction

* Refer to academic publications (number in brackets)

ACADEMIC PUBLICATIONS

1. Working from Home and Employee Performance during the COVID-19 Pandemic in the UK. *Labour Economics*, 80, 102295 (with Dr. Yue Huang, Trier and Max Deter, Wuppertal)
2. Do negative emotions cause immigration concerns? *GLO DP Series 644*. R&R (3rd) at the *Journal of Population Economics* (with Dr. Yue Huang, Trier)
3. Refining the Saliency Hypothesis. *International migration*, 59(1), 21–37 (with Prof. Lewis Davis, NY)
4. Justice delayed is assimilation denied. *Labour Economics*, 59, 69–78

- Make presentations to peers, and accommodate suggestions

Toolbox: SQL, Stata, R, Python

Postdoctoral fellow

📅 11-2019 - 10-2021

Technische Universität Dortmund

- Estimating the causal factors determining individual decisions
 - Employ similarity matching to find the suitable control group for the treated observations and estimate the impact of extreme right terror on the targeted minorities (4)
- Build a team of quantitative researchers to facilitate departmental needs
- Provide technical help and cutting edge inputs on their scientific work
- Work within the coauthor network to ensure the best quantitative practices (3)
- Strong attention to detail and ability to work within a diverse team
- Courses taught: Empirical methods for policy evaluation, Law and Economics

Toolbox: Stata, R, Python, Excel

Research assistant

📅 10-2013 - 10-2019

University of Halle-Wittenberg

- Intensive training on quantitative methods and mathematical fundamentals
- Conceive and implement innovative research ideas and statistical models
- Construct datasets and learn effective data cleaning
- Publish research in reputed scientific outlets
- Course taught: Optimal control techniques

Toolbox: Stata, R, Excel

Software engineer

📅 09-2008 - 07-2010

Capgemini SE (formerly Patni Computer Systems Ltd), Client: St. Jude Medical

- Coordinate with the client, onshore and offshore workers for requirement gathering and their implementation in healthcare devices
- Verification and validation – Software testing
- Manage team communication and report weekly progress to all involved

Toolbox: Software development life cycle (SDLC), incremental software development, Waterfall model