



Dr. Girish Kulkarni

Business Intelligence, Data Analytics, Mathematics, Machine learning

- 22 April 1988
- Kronprinzenallee 129, 42119 Wuppertal, Germany
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- [Girish Kulkarni](#)
- Nationality: Indian (German work permit)
- Availability: Immediate

Education

- 2013 - **Ph.D. in Mathematics**, Indian Institute of Science Education and Research (IISER) Pune, India
- 2011 - **Master of Science in Mathematics**, University of Western Ontario, London, Canada
- 2008 - **Master of Science in Mathematics**, Indian Institute of Technology (IIT) Madras, India
- 2005 - **Bachelor of Science in Mathematics**, Sir Parashurambhau College, India

Languages

- English ● ● ● ● ●
- German ● ● ● ● ●
- Marathi ● ● ● ● ●
- Hindi ● ● ● ● ●

Hobbies

Hiking, listening to Indian classical music, sitar playing, and poetry.

Profile

Analytically-minded, Ph.D. in Mathematics with expertise in data-driven decision-making, machine learning, and statistical analysis. Seeking a challenging analytics role to apply advanced mathematical skills, programming proficiency, and strategic thinking in transforming complex data into actionable insights for driving business success.

Skills

- PowerBI
- SQL
- R
- MS Excel for Analytics
- ETL
- Python
- LaTeX
- Teaching
- Scientific writing

[GitHub Analytics Portfolio](#)

[Google Scholar Profile](#)

Training

- Advanced Certification on Data Analytics** Jan 2024- Ongoing
Opine Group, India
 - The 3 Months course focused on Business Intelligence and Data Analytics with training in Fundamentals Of Analytics, Excel Analytics, SQL Server, Power BI, ETL (Extract Transform Load) and Data Modelling.
- Machine learning and deep learning with R workshop** July 2023
Regensburg University, Germany
 - Workshop focused on Machine learning and deep learning techniques for Ecological data.

Experience

- Video lecturer** July 2023- Sep 2023
International University (IU), Germany
 - Prepared and delivered video lectures for Business mathematics Course
- Postdoctoral researcher** Nov 2021 - Sept 2023
Heinrich-Heine-Universität Düsseldorf, Germany
 - Teaching for mathematics for computer science, Linear Algebra and Analysis
 - Machine learning project in NLP on reward model for task-oriented dialogue systems using Gaussian processes
- Postdoctoral researcher** Nov 2020 - Oct 2021
Bergische Universität Wuppertal, Germany
 - Research in mathematics with a publication.
 - Conducted extensive ecological data analysis using feature selection, dimension reduction, and multivariate methods, leading to comprehensive insights. Contributed to research papers and co-authored a submission, showcasing expertise in data exploration and interpretation.
- Project Associate** Feb-July 2013
Indian Institute of Technology (IIT) Bombay, India
 - Digitization of research documents

Trainer

Conducted 7 **Faculty development** workshops on LaTeX training