Dr. Dario Mathiä

GitHub: KainAber

Experience

01 / 2025 · today **Project Manager** · Oliver Wyman
- Lead the development of an SAS analytics toolkit for SME scorecard model of a large German bank
- Performed an SCR model reconciliation for a large UK insurance company

01 / 2024 · 12 / 2024 **Senior Analyst** · Oliver Wyman
- Conducted the validation (code review, analysis, optimisation, documentation) of an ML model falling under the EU AI act to ensure accuracy and reliability of the AI system
- Lead the design and development of a Python package for checking modelling data quality aligned with ECB guidelines

11 / 2022 · 12 / 2023 **Analyst** · Oliver Wyman
- Developed a Python package for the automation of subsequent Google and GPT querying
- Developed various credit risk models (incl. documentation)

04 / 2015 · 9 / 2022 **Student Assistant / PhD Researcher** · RWTH Aachen / RPTU Kaiserslautern
- Development of course work, organization of lectures, and giving exercise classes for Physics, Mathematics, and Engineering students

Education

01 / 2023 **PhD in Mathematics** · *magna cum laude* · TU Kaiserslautern
Wreath combinatorics in the context of restricted rational Cherednik algebras

10 / 2019 **Master's in Mathematics** · *1.4* · RWTH Aachen
PBW Tableau Combinatorics

03 / 2018 **Bachelor's in Mathematics** · *2.7* · RWTH Aachen
Comparison between classic finite matroids and matroids with coefficients