Rodrigo Dal Ben

Data scientist, quantitative researcher, and educator

💼 Employment History

2024 -

Senior Research Analyst
Cumming School of Medicine, University of Calgary — 📍 AB, Canada
- Focus on Health Economics data
- Develop sustainable data management practices
- Develop reproducible analytic pipelines
- Report to multinational research teams

2023 -

Data Scientist (on-call)
Bee Touch - Workforce Mental Health — 📍 Remote
- Develop metrics for mental health data collection
- Data wrangling and visualization
- Develop statistical and machine learning models
- Report to stakeholders and scientific community

2023 | 2024

Assistant Professor
Ambrose University — 📍 AB, Canada
- Teaching, mentoring, and researching
- Courses in Applied Statistics, Research Methods, Developmental Science
- Research software engineering
- Grant and report writing, and publishing scientific research

2022 | 2023

Postdoctoral Fellow
Ambrose University — 📍 AB, Canada
- Research software engineering
- Project management (finance, mentoring, leadership)
- Curriculum development and delivery: applied statistics, research methods

2020 | 2021

Horizon Postdoctoral Fellow
Concordia University — 📍 QC, Canada
- Advanced experimental designs in infant research
- Data wrangling, visualization, modelling
- Leadership in international scientific consortium, ManyBabies

2020

International Postdoctoral Research Associate
Concordia University — 📍 Remote
- Code interactive ManyBabies dashboard
- Major update of the ManyBabies website

🏅 Certificates

2022

Professional certificate in Data Science
Harvard University, edX — 📍 Remote

🎓 Education

2020

Ph.D. in Psychology
UFSCar & University of Tennessee — 📍 Brazil & USA

2016

M.A. in Psychology
UFSCar — 📍 Brazil

Contact

- ✉️ dalbenwork@gmail.com
- github.com/RodDalBen
- 🌐 roddalben.github.io

</> R, Python, SQL

I am comfortable working with R, Python, and SQL for data analysis. I also use Markdown regularly for reproducible workflows and Shiny for interactive reporting.

⎇ Git, CI/CD

I use git, GitHub, GitLab, and CI/CD workflows on most data analysis projects.

🥧 Data analysis, modelling

I am comfortable wrangling large data sets, creating effective visualizations, and programming statistical and ML models.

📈 Impact

18 peer-reviewed research reports in scientific journals.
60+ presentations at conferences.
300+ research methods and statistics students.
$420k+ across 9 public & private fellowships.

R. Dal Ben - 2024-12-11