Leonardo Cerliani

Data Analyst and Scientific Researcher

- **Experienced scientific researcher and data analyst**. Accustomed to investigate large datasets, seeking patterns leading to meaningful discoveries and actionable insights.

- **Skilled in communicating complex ideas to diverse audiences**: presenting at meetings and conferences, preparing technical reports, publishing in peer-reviewed journals.

- I deeply value the collective effort which is necessary to derive value from data, finding collaborative achievements more rewarding than individual accomplishments.

- **Extensive experience in coding in R, Python, bash, Matlab**, considering coding a key approach to effective and reproducible data analysis. Accustomed to using **spreadsheets**, generate advanced **SQL queries** and building **dashboards in Tableau**.

- **Committed to ongoing learning** and eager to explore emerging technologies, with aspirations to gain certifications in cloud computing and data engineering.

WORK EXPERIENCE

Short description for latest experiences. Details for all projects available in the <u>full CV on GitHub</u>

Specialization in Business Data Analytics
Turing College - Vilnius, Lithuania (online)
2023

Full Scholarship recipient · Key Performance Indicators · Data Processing · Business Insights · Hypothesis Testing · Statistical Analysis · Data Research · Presentation Skills · Attention to Detail · Problem Solving · Visualization · Ad Hoc Analysis · Skill Development · Client Presentation · Knowledge Acquisition · Linear Regression · Data Cleaning · Communication · SQL · Google Sheets · analytical thinking · Google BigQuery · Tableau · Presentations

Horeca B2B business (Career break)
Amsterdam
2022

Established and ran a professional Horeca Business producing and selling fresh pastries to resellers · Project development · Business analysis · Logistics - Managing the supply chain · Developing relations with clients

Data Analytics for Neuroimaging: Neuropsychiatry, Layer fMRI
Dept. of Psychiatry UMC locatie AMC - UvA - Netherlands Institute for Neuroscience
2018 - 2021

Data (pre)processing pipelines for neuroimaging data in R. Python, bash · Statistical analysis · Code documentation · Report writing for publication · Training students · Organizing and leading research meetings · Shiny app development

Data Analytics for Photobiology
Freelance Data Analyst for the <u>U. of Helsinki</u> in collaboration with <u>Luke.fi</u>.
2018 - 2019

Modelling light spectra based on atmospheric data · Collecting and processing satellite data · Development of a R/Shiny app to show the impact of different plant-covering materials on the light spectrum · <u>Link to the app</u>

ETL Developer
Leaseplan Bank - Amsterdam
2018

Hired as a freelance by <u>NextGen Metrics B.V.</u> to design and implement IBM DataStage workflows for data extraction, mapping, aggregation, transformation for financial banking data in IBM DataStage · Agile work planning in Interaction with a team lead by Deloitte · Collaboratively wrote the documentation for the ETL logic

Neuroimaging Software Development in Python
Max Planck Institute for Human Cognitive and Brain Sciences
2017

Researcher in Comparative Brain Connectivity
Brain and Spine Insitute (ICM), Hôpital Pitié-Salpêtrière, Paris
2014 - 2017

Postdoctoral Fellow in Neuroimaging for Neuropsychiatry
Netherlands Institute for Neuroscience, Amsterdam
2012 - 2014

Postdoctoral Fellow in Neuroimaging for Neuroanatomy
University Medical Center Groningen
2007 - 2012

Residence: Amsterdam (NL)
Nationality: Dutch
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LINKS

- Linkedin
- Github
- Quarto blog (recent)
- Publications

SKILLS

- Data Preparation / EDA
- Advanced SQL query (BigQuery)
- Descriptive and inferential statistics
- Visualization (R/Shiny, Tableau)
- Results communication
- Analysis/Code documentation (R, Python, bash)
- Training colleagues and students

CODING EXPERIENCE
(click the language for code samples)

- R / Shiny (2018-2023)
- Bash scripts (2005 - 2021)
- Python (2016 - 2021)
- SQL (2022 - 2023)

EDUCATION

- Turing College Data Analyst (2023)
- PhD Cognitive Science (2006)
- MA Philosophy + Neuroscience (2002)

REFERENCES

<u>see all on Linkedin</u>

LANGUAGES

- English (fluent)
- French (fluent)
- Dutch (fair)
- Italian (native)

AWARDS

- KNAW Brain Award for Scientific Excellence

"A brain disconnected from the heart is an airplane without wings"