MELISA DI GIACOMO

MASTER IN BIOTECHNOLOGY
PHD STUDENT IN AGRISCIENCE

I am focused on data analysis. I am a data viz lover with communication, programming and stats skills. I am a highly motivated professional who is always learning something!

CONTACT

- Rosario, Argentina
- digiacomo@iicar-conicet.gob.ar
  melisa.digiacomo@gmail.com
- LinkedIn: melisa-di-giacomo
- ResearchGate: Melisa-Di-Giacomo
- Portfolio: melisadigiacomo
- GitHub: melisadigiacomo
- Twitter: @melisadigiacomo

EDUCATION

Master in Biotechnology

SCHOOL OF BIOCHEMITRY AND FARMACEUTICAL SCIENCE – UNR – 2010 – 2016

- Protein purification and enzyme kinectics
- 1 scientific publication, 2 oral disertation, 7 congresses, 3 courses

PhD in Agroscience

SCHOOL OF AGRARIAN SCIENCE – UNR SINCE 2017

- Omics data analysis
- 1 scientific publication, 3 oral disertations, 6 congresses, 17 courses

SKILLS

- Programming: R and Python
- Data visualization: ggplot2, Matplotlib, Seaborn, Power BI, Google Data Studio and Tableau
- Databases: SQL and spreadsheets
- Version control: Git
- Web development: HTML5, CSS3, Javascript
- Stats methods: multiple comparisons tests, regression, linear models, multivariate analysis

EXPERIENCE

Agrarian Science Researcher

AGRARIAN SCIENCE RESEARCH INSTITUTE OF ROSARIO (IICAR-CONICET) – SINCE 2017

- Statistical analysis and data visualization
- Storytelling, report writing and web development
- Project managment
- Troubleshooting
- Critical thinking

Undergraduate teaching assistant

PHYSICAL CHEMISTRY – SCHOOL OF BIOCHEMITRY AND FARMACEUTICAL SCIENCE – NATIONAL UNIVERSITY OF ROSARIO – 2013 –2017

- Leaded laboratory sessions. Evaluated essays. Communication skills.

PROJECTS

R Dataviz Cheatsheet webpage 🔗

- Developed a webpage with plots and R codes

Active stocks analysis 🔗

- Created a tool using Python that scrapes data from Yahoo Finance and analyzes it by using animated plots

Big Data Final Projects 🔗

- Two projects of a Big Data Course: a dashboard in Google Data Studio and a Python data analysis with a customer report on Deepnote