



LUCAS PEITTON

Data Scientist

About Me

A creative, meticulous, responsible, friendly and honest data analyst with great capabilities in data management, visualisation and modelling. Always learning new technologies and improving current knowledge

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💻 github.com/lucasph97

Skills

- Analytical skills
- Proactivity
- Optimisation
- Communication

Software

- RStudio ●●●●○
- Python ●●○○○
- PowerBI ●●●○○
- Excel ●●●●○
- SQL ●●○○○

Languages

Spanish

English

Hobbies

- Music
- Woodworking

Education

Universdiad Nacional de Rosario (UNR) 2021 – Present

Postgraduate - Specialization in Finance

100% of courses passed. Monograph on Quantitative Finance (ongoing)

Universdiad Nacional de Rosario 2015 – 2020

Bachelor of Science with Major in Statistics (Honours)

Undergraduate Research Component: "Comparison of methodologies for the spatial analysis of field experiments in breeding programs". Flag bearer at diploma ceremony in 2020 at Facultad de Ciencias Económicas y Estadística

Experience

Biometrician

Queensland Department of Agriculture and Fisheries (DAF)

September 2020 – April 2023

Designed experiments. Analysed diverse data types in the LMM framework following different approaches. Developed an R package to optimise time-efficiency and automise repetitive tasks

July 2019 – December 2019

Main research focused on the comparison of methodologies for the spatial analysis of field breeding trials in the linear mixed model framework

Intern

January 2019 – March 2019

Asociación Médica de Rosario - Statistics Department

Worked with an interdisciplinary team of health, IT and management professionals. Fulfilled daily requirements through data visualisaiton tools

Tutor (ad-honorem)

March 2018 – December 2018

UNR - BSc with Major in Statistics

Gave theoretical and practical lectures of quality control focused on measurement error in industrial processes to students of third year of the career. Gave practical class of matrix algebra operation exercises to students of first year the career. Updated studying material

References

Valeria Paccapelo

DAF / Senior Biometrician

Email : valeria.paccapelo@daf.qld.gov.au

Cristina Cuesta

UNR / Tenured lecturer

Email : ccuesta@fcecon.unr.edu.ar

Achievements

First Prize Student Poster Competition - Australasian Region Conference

December 2019

Poster competition organised by the International Biometric Society

Exhibited research conducted at DAF in 2019 in a poster session to conference attendees, whom voted for the most interesting poster at the end of the session

First Prize "Elsa Servy" Contest 2018

July 2018

Research contest organised by Universidad Nacional de Rosario for students

Worked together with a university classmate, responding to specific questions in a real future steer selling problem using statistical methods
Defended the research before three judges and an audience comprised of Statistics students and professors

Courses and seminars

Machine Learning with Python

June 2023

Kaggle

Core ideas; data exploration, missing values, pipelines, model validation, random forest, XGBoost, cross-validation and data leakage

Introduction to programming in Python

June 2023

Kaggle

General programming concepts in Python and data manipulation with Pandas

Business Analytics course

June-August 2022

Coderhouse

Benchmarking, stakeholder identification, business models, KPIs and metrics, storytelling, life product cycle, roadmaps and visualisation tools

Introduction to Bayesian Statistics

May-September 2021

Dictated by Ing. Evangelista – UNR

Introduction to combined distributions, computation and limitations, Bayesian inference using R-Stan, linear models and multilevel models

XLVIII Argentinian Colloquium of Statistics

October 2020

Organised by Sociedad Argentina de Estadística (SAE) and Universidad Nacional de Córdoba

Oral communication: presented "Spatial analysis of field variety trials allows to do more confident selection"

Advanced R programming course

August-September 2020

Dictated by Mg. Prunello and Mg. Marfetán Molina – UNR

Development of functions and packages, introduction to GitHub, code in R-markdown and Shiny

International Biometric Society in the Australasian Region Conference

December 2019

Organised by the International Biometric Society and University of Adelaide

Attendance and poster presentation: "Is the SpATS model as good as we would like it to be for the spatial analysis of field trials?"

Introductory R programming course

June 2018

Dictated by Mg. Prunello, Mg. Marfetán Molina and BSc. Allasia – UNR

General R concepts and interface, data base managing with tidyverse, data visualisation with ggplot2 and conditional and iterative sequences