



Giuseppe Dejan Lucido

Data Scientist, Data Science Developer, Statistician, Quantitative Analyst

My work allows me to conjugate my love for statistics and my deep passion for informatics and technology, giving me a boost to improve my skills in data science day by day. I love programming and automate things. As a very curious person, I like to touch and/or delve into very different topics like psychology, finance & physics (just see my readlist in my website). I'm always open and interested about new experiences and new fields of knowledge. I would like to work for digital/tech companies, always on the frontier of innovation!

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WORK EXPERIENCE

Chief Data Scientist - Data Science Developer - Tech PM

Audacia Innovations

10/2021 - Present

Collecting and analysing data from social networks and DSPs to help artists and labels to grow fast.

Tasks

- First employee of the startup & shareholder as investor.
- Planning and setting up data strategy, tools and technologies for the core business.
- Retrieving, hard-wrangling, analysing, displaying & modeling tons of data.
- Development of an all-in-one business intelligence dashboard for internal use: Shiny App in R, which leverage different libraries and real time data through APIs and web services (YouTube, Instagram, Spotify, TikTok, Facebook, others).
- Creating and deploying my own microservices with Docker to serve end user application.
- Empowering tools and applications through machine learning and cutting-edge AI.
- Designing app's architecture and functionalities for end users (database, backend, frontend) and implementation of new features, side by side with full-stack developer.
- Mediating sprint planning between tech team and stakeholders.

Data Scientist

Department of Economics, Business and Statistics

05/2020 - 09/2021

University of Palermo. "Development and validation of a pilot platform for the authentication, traceability & certification of innovative single breed sheep dairy products."

Tasks

- Analysis of data by sicilian dairy production and related genetic sequences for quality control and traceability.
- Processes boost and automation through programming language.
- Shiny App for internal use (stopped development) <https://dejan94.shinyapps.io/dashboard/>.

Data Scientist & Researcher

EEB LAB - Department of Earth and Sea Sciences

02/2019 - 09/2020

Ecology Research Lab of University of Palermo.

Tasks

- Collaboration in writing 5+ research papers (see "Publications" section).
- Modeling, plotting and mapping marine ecological data for geospatial analysis.
- Coding efficient and robust scripts in R to enhance processes and complex analysis.

Health Statistician

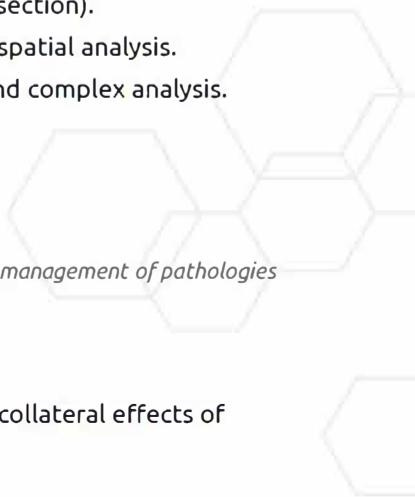
Az. Osp. Ospedali Riuniti Villa Sofia - Cervello

07/2019 - 06/2020

Development of diagnostic therapeutic care pathways for the prevention and management of pathologies induced by drugs and anticancer therapies.

Tasks

- Managing data in cardiology department.
- Data analysis of medical records to investigate on benefits and collateral effects of chemotherapy drugs.



TECHNICAL SKILLS

R ★★★★★

Shiny, Rmarkdown, tidyverse, ggplot2, caret, tidymodels, modeltime, spatial analysis & tons of other packages for fun!

Python ★★★

NumPy, Pandas, Scikit-learn, Plotly, spaCy, TensorFlow.

Data

Statistical modeling, Machine Learning, Deep Learning, Data wrangling, Interactive Dashboarding, Data visualization and some Data engineering.

Analysis

Stronger with tabular data, timeseries, statistical analysis & modeling and machine learning; tasted NLP and CV.

Worked with

Rest API, Heroku, Docker, Web Apps Design & Development, MongoDB, NoSQL, Wordpress, Office, SCRUM Agile.

Studied and/or played with

PostgreSQL, Google Cloud Platform, Github, JavaScript, HTML, CSS.

Continuous autonomous supplementary education

Many different courses on Coursera, Udemy, manuals and more.



COOL THINGS

Nova Talent Membership (05/2021 - Present)

- Nova is the merit-based access network where the top 3% of talent connect with each other, develop and accelerate their careers.

Data Driven People - Podcast (04/2021 - Present)

- I produced 20 episodes and live contents with some of the best Italian data scientists & similar professionals.
- Maintaining a small Telegram community in which we share useful material, tips and tricks for data science.
- Hosted in other podcasts/talks.



TEACHING EXPERIENCE

Statistics Coach - Shareholder as Investor & Advisor

Professional

10/2021 - Present

Tasks

- I wrote and recorded the first two courses of the Data Science Professional Path: Descriptive & Inferential Statistics for Data Scientist, both with quizzes, labs and exercises in R language.
- I support enrolled students in a Discord community.

Biostatistics for Ecology

University of Palermo

2019 - 2020

Tasks

- Lectures for ecology BSc and MSc courses.
- Training course of statistical modeling for my colleagues at research lab.

Statistics tutor and occasional freelance consultant

Freelance

2017 - 2021

Tasks

- Private tutoring for 50+ university students.
- Consulting and data analysis for scientific papers, dissertations or business.
- Teaching & administration support at university master "Data Science & Big Data Analytics".

PUBLICATIONS

Research Paper - Statistical analysis (See Acknowledgements)

Cetacean presence and distribution in the central Mediterranean Sea and potential risks deriving from plastic pollution

12/2021

Managing, summarizing, modeling and plotting spatio-temporal satellite data. I worked about Species Distribution Modelling, fitting and tuning five different statistical and machine learning models (GLM, GAM, RF, GBM, MaxEnt), to ensemble then all predictions in a metamodel.

Research Paper - Statistical analysis (See Acknowledgements)

The entangled multi-level responses of *Mytilus galloprovincialis* (Lamarck, 1819) to environmental stressors as detected by an integrated approach

06/2021

I contributed with Kaplan-Meier estimator and a multivariate Cox proportional hazards regression model in survival analysis.

Research Paper - Statistical analysis (See Acknowledgements)

Multiple climate-driven cascading ecosystem effects after the loss of a foundation species

01/2021

I contributed with the whole statistical analysis (2.6) and almost everything about data visualization. I performed survival analysis with Kaplan-Meier estimator, statistical tests and different regression techniques (GLM, GLMM, ANOVA).

Research Paper as Author

Functional trait-based layers - an aquaculture siting tool for the Mediterranean Sea

10/2020

Full implementation in R of Dynamic Energy Budget model for sea bass. Creation of an indicator of efficiency-sustainability for aquaculture. Summarising and mapping results across Mediterranean coasts and countries.

Research Paper as Author

Moving Toward a Strategy for Addressing Climate Displacement of Marine Resources: A Proof-of-Concept

07/2020

Full implementation in R of Dynamic Energy Budget model for anchovies. Sensitivity analysis on inputs variables of the model. Geospatial analysis.

Research Paper as Author

Presepsin and Midregional Preadrenomedullin in Pediatric Oncologic Patients with Febrile Neutropenia

03/2020

Statistical modeling with GLMs.



INTERNATIONAL CONFERENCES & EXPERIENCES

Biomathematics ESMTB Summer School 2019: "Modelling in Marine Ecology" (08/2019)

European Society for Mathematical and Theoretical Biology

- Summer School.

The 2nd CISAS Biomathematics Workshop - CNR Palermo (10/2019)

International Centre of advanced study in environment, ecosystem and human health

- My talk: "Using R to run biophysical models to study biological performances of marine organisms".

Youthpass - T.I.M.E. (Time banks Information, Meeting and Exchange) (08/2016)

Erasmus+

- Learning mobility projects of youth workers support the professional development of youth workers by enabling them to acquire new skills and professional experiences.

Youthpass - Unmask the Theatre (10/2014)

Erasmus+

- Another project as above.

Intermediate English Language Course (level B2) at Manhattan College, New York (07/2010)

LSI Language Studies International

- Summer school.



EDUCATION

MSc Statistical Sciences

University of Palermo

09/2016 - 10/2018

110/110

BSc Statistics for Data Analysis

University of Palermo

09/2012 - 07/2016

98/110



LANGUAGES

Italian

Native or Bilingual Proficiency

English

Full Professional Proficiency



REFERENCES

See my LinkedIn profile for references, certificates, more details and links about everything you've just read here!

www.linkedin.com/in/giuseppedejanlucido