



Giuseppe Dejan Lucido

Data Scientist, Data Science Developer, AI Engineer, Statistician, Quantitative Analyst

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WORK EXPERIENCE

Senior AI Engineer

ProfessionAI

 09/2026 - Present

 Italy · Remote

 Designing and developing AI platforms including AI features.

AI Engineer

Bandit - Finanza agevolata

 11/2025 - 07/2026

 Palermo, Sicily, Italy · Remote

- Agentic-AI infrastructure development using FastAPI and datapizza-ai python framework
- Empowering end user application with complex pipelines powered by LLMs
- Many different tasks of GenAI like docs extraction, RAG, chatbot, semantic recommendation system etc

Co-Founder & CTO

JourMe

 06/2025 - Present

 Italy · Remote

 Designing, managing and actively contributing to the technical development of an app for creating customized and optimized itineraries with proprietary Machine Learning algorithms.

Head of Data - Data Science Developer - Tech PM

Audacia Innovations

 10/2021 - 12/2026

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

- 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 - University of Palermo

 05/2020 - 09/2021

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

- 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.

Data Scientist & Researcher

EEB LAB - Department of Earth and Sea Sciences

 02/2019 - 09/2020

 *Scientific research and researchers' support in Ecology Research Lab of University of Palermo.*

- Collaboration in writing 5+ research papers (see "Publications" section).
- Modeling, plotting and managing bioecological data for statistical 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.*

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

TEACHING EXPERIENCE

Statistics Coach - Shareholder as Investor & Advisor

ProfessionAI

 10/2021 - Present

 *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

 *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

 *Private tutoring, consulence and data analysis for scientific papers, dissertations or business.*

- Teaching & administration support at university master "Data Science & Big Data Analytics".

PUBLICATIONS

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

12 / 2021 - *Research Paper - Statistical analysis (See Acknowledgements)*

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.

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

06 / 2021 - *Research Paper - Statistical analysis (See Acknowledgements)*

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

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

01 / 2021 - Research Paper - Statistical analysis (See Acknowledgements)

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).

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

10 / 2020 - Research Paper - Author

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.

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

07 / 2020 - Research Paper - Author

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

Presepsin and Midregional Proadrenomedullin in Pediatric Oncologic Patients with Febrile Neutropenia

03 / 2020 - Research Paper - Author

Statistical modeling with GLMs.

INTERNATIONAL CONFERENCES & EXPERIENCES

Estimating the effect of lung cancer screening on interventional pulmonology procedures in Italy

2024 - Conference Abstract

European Respiratory Journal 2024

[DOI LINK](#)

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 experience.

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.

TECHNICAL SKILLS

R ★★★★★

tidyverse, shiny, Rmarkdown, Quarto, ggplot2, caret, tidymodels, modeltime, spatial analysis & tons of other packages

Data

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

Infrastructure

Rest APIs, Docker, AI Agents, MongoDB, SQL, NoSQL, Google Cloud Platform, GitHub, Firebase, Web Apps Design & Development

EDUCATION

MSc Statistical Sciences

University of Palermo

09/2016 - 10/2018

- Grade: 110/110

BSc Statistics for Data Analysis

University of Palermo

09/2012 - 07/2016

- Grade: 98/110

LANGUAGES

Italian

Native or Bilingual Proficiency

English

Full Professional Proficiency

Python ★★★★★

NumPy, Pandas, Polars, Scikit-learn, FastAPI, Plotly, spaCy, Keras, TensorFlow and much more.

Analysis

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

Vibed with

JavaScript, HTML, CSS, React, Next.js

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.

REFERENCES

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

[Linkedin Profile](#)

I authorize the processing of my personal data in accordance with Legislative Decree 196/2003, coordinated with Legislative Decree 101/2018, and Article 13 of the GDPR (EU Regulation 2016/679) for recruitment and selection purposes.*