Nicolás Caruso

T-SHAPED TRANSDISCIPLINARY DATA SCIENTIST

I consider myself a highly responsible, dynamic and creative person, with ease of adaptation and ability to work in a team. My basic scientific training has provided me with tools for critical analysis and resolution of problems, which I see as challenges to overcome. I feel very motivated to continue improving skills and growing professionally in the field of data science. I am currently located in Argentina but I am open to relocation on a global level.

CONTACT

- nccaruso@gmail.com
- linkedin.com/in/nicolasccaruso
- github.com/ntaxus
- ntaxus.github.io/nicolas.caruso

EDUCATION

- Master in Data Science. Universitat Oberta de Catalunya, 2020 - on going.
- PhD. Biology (Quantitative Ecology) Universidad Nacional del Sur, 2015

GENERAL SKILLS

Problem solving   GIS & Spatial Analysis   RPA

ETL/ELT   Data Preparation   Machine Learning

Leadership   Statistical Analysis   Creativity

Proj. Management   Data Visualization   ESDA

TECHNICAL SKILLS

- Databases:

SQL server, PostgreSQL (PostGIS), BigQuery, NoSQL: neo4j, mongoDB, Cassandra.

- Programming languages:

R (multiples packages for data analysis, mapping and GIS), Python (Pandas/GeoPandas, NumPy, scikit-learn, Matplotlib), Bash (Linux), Java.

- GIS software:

QGIS, ArcGIS, GRASS GIS, Google Earth Engine (GEE).

- Other softwares/tools:

PowerBI, DataStudio, Git, Pentaho, Airflow, Docker, Knime.

NATURAL LANGUAGES

English (C1) - French (A1) - Spanish (native).

WORK EXPERIENCE

Data Scientist | Data and Analytics Manager

MO&PC Business Solutions, Jan 2022 - current

- Leading cross functional teams in the development of dashboards and quantitative analysis.
- Working together with the CEO to translated complex analytics findings into understandable and actionable insights.
- Institutionalized key learnings and best practices across the organization.
- Performed ad hoc analysis and presenting findings/recommendations to the executive team and practice owners.

Tools: *Python, PowerBI, SQL, Knime, ETL, Airflow, Docker, Git, Trello*

Data Analyst | Data Engineer

MO&PC Business Solutions, Mar 2021 - Jan 2022

- Developing and implementing SQL queries and data collection systems.
- Acquiring data from primary and secondary sources and maintaining data systems and ETL pipelines.
- Identifying, analyzing, and interpreting trends or patterns in complex data sets. Suggesting and implementation of new KPIs.
- Filtering and cleaning data with the aim of developing dashboards and reports.
- Automation of common business processes (RPA).

Tools: *DataStudio, Power BI, SQL, Pentaho, Python, GCP, BigQuery, Git*

Research and Teaching Assistant

Universidad Nacional del Sur, Mar 2018 - current

- I actively participate in research projects leading statistical analysis, developing Geographic Information Systems, machine learning (ML) models and writing scientific reports and articles.
- Extract, clean and transform different types of data (included spatially explicit data).
- Spatially Explicit Modeling and Statistics/ML (point patterns, spatial autocorrelation, spatial regression, species distribution modelling, classification, multivariate analysis).

Tools: *R, Python (scikit-learn), PostGIS, ETL, GEE, GRASS GIS, QGIS, Bash*