EMILIO SÁNCHEZ OLIVARES

✉ hello@emiliosao.com ☎ +31 062 754 9570 in linkedin.com/in/emiliosao ◉ Leiden, NL

Data scientist with an MSc in Computer Science from Leiden University, specializing in network analysis, predictive modeling, and machine learning. Experienced in research and transforming complex data into actionable insights, with a co-authored publication on link prediction.

EXPERIENCE

Medior Data Scientist
Blackbirds
March 2025 –
Rotterdam, NL
- Consultancy for companies in the Rotterdam Area.

Data Scientist
Analytikus
Aug 2018 – Nov 2021
Mexico City, MX (Remote)
- Developed statistical models, conducted exploratory analysis, and performed feature engineering.
- Automated workflows and executed server queries using Azure and Databricks.

Data Scientist
Descifra
Jan 2017 – Feb 2018
Mexico City, MX
- GIS data visualization layers for geographical insights.
- Built and maintained supervised learning models using geographic and demographic data to predict sales.
- Delivered projects across retail, demographics, and telecommunications sectors.
- Developed an algorithm to identify the most profitable buffers based on predictive models.

Big Data Intern
Telefónica Movistar
Jul 2016 - Jan 2017
Mexico City, MX
- Supported the development of predictive models.
- Processed data from APIs and JSON files.
- Executed SQL queries, Hive/Hadoop operations, and UNIX connections.

Student Assistant
LIACS - Leiden University
Feb 2022 – Jan 2023
Leiden, NL
- Modern Games AI Algorithms
- Data Science in Practice
- Urban Computing

EDUCATION

MSc Computer Science: Data Science
Leiden University
2020 - 2023
Leiden, NL

Licentiate in Actuarial Science
Universidad Anáhuac México
2013 - 2017
Mexico City, MX

PUBLICATIONS

- Sánchez Olivares, E., Boekhout, H. D., Saxena, A., & Takes, F. W. (2023). **A framework for empirically evaluating pretrained link prediction models.** *Complex Networks.*

COURSES
- **Dutch Beginners & Intermediate Courses (A0-A2)** @ Taalhuis, *Leiden, NL*
- **Nederlands Intensief 3 & 4 (B1)** @ Leiden University, *Leiden, NL*
- **Data Science Part Time** @ General Assembly *Seattle, USA*

SKILLS & KNOWLEDGE

Software:
- Python, R, SQL
- Scikit-Learn, Pandas, TensorFlow, Azure Machine Learning, Databricks, UNIX, Git, Mapinfo, QGIS, Hive, Hadoop, SPSS

Technical:
- Machine Learning, Data mining, Feature engineering, Data visualization, Location Analytics, Network science

Languages:
- Spanish, English, Dutch

INTERESTS & HOBBIES
- Sports
- Tech
- TV & Movies
- Animal Welfare Environmentalism
- Mexican & Spanish passports