Eduardo Gil Gonzalez-Madroño

DATA LEAD & MENTOR
SENIOR OPERATIONS SPECIALIST

CONTACT ME

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Birmingham, UK - Madrid, SP

TECH DATA STACK

OOP
Python 3 -- Pandas, PySpark, SKLearn, TensorFlow.
JavaScript -- D3.js, Plotly.js

DATA STORAGE
SQL -- Databricks SQL, PostgreSQL, Ms SQL Server
NoSQL -- MongoDB, DynamoDB, Neo4j

BIG DATA PLATFORMS
DataBricks -- Delta Lake, Spark, Hadoop

IDEs
VS Code
Jupyter Notebook

PROJECT DEPLOYMENT
Gitlab -- Git, CI/CD, PDM, QA

CLOUD
AWS -- S3, RDS, DynamoDB, AppFlow, Kinesis

SKILLS

Problem Solving   Business Acumen
Communication   Analytical Mindset
Natural Coacher   Self-Starter
Critical Thinking   Out-Of-The Box Thinker
Structured Thinking   Data Intuition

EXPERTISE

DATA ECOSYSTEM
Statistics & Maths   Data Wrangling
Data Visualization & BI   Data Storytelling
Data & ML Ops   Business Intelligence

OPERATIONS ECOSYSTEM
Visual Management   Standardized Work
Project Management   Agile Framework
Operational Excellence   Continuous Improvement
Lean Manufacturing   Industry 4.0

IN A NUTSHELL

I am a highly motivated results-driven 360° data professional with 3+ years of expertise in the dynamic world of data science and artificial intelligence supporting the journey of a SME digital company towards becoming a data-driven organisation able to implement data products and solutions that enhance operational efficiency, improving their internal business processes and the experience of their clients. I am a very adaptable asset that brings a unique blend of technical acumen and industry insights thanks to my past experience of more than 12 years in the manufacturing & consulting industrial operations ecosystem.

MY VALUES

Curiosity -- Purpose -- Autonomy -- Diligence -- Ethics -- Wisdom -- Trust

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WORK EXPERIENCE

Data Lead

(Remote - UK Based)

Mind Tools Limited ☐   2022 - Today

- I lead the Data Roadmap Transformation Plan to transition the company into a fully data-driven organization by the end of 2024, utilizing a Build-Measure-Learn approach ensuring smooth project execution by the Engineering team.
- I design, develop, and deploy data pipelines and ETL workflows on the DataBricks platform over AWS, consolidating data from various systems into a centralized repository increasing data availability allowing data availability across the business.
- I oversee data governance and quality processes to ensure data integrity, compliance, and high standards for data consumers.
- Translate complex business problems into data-driven solutions by analyzing large datasets to derive actionable insights that enhance company progress and KPIs.
- I plan, excute and deliver data products ranging form bespoke advance descriptive analytics, predictive modelling and business intelligence (data visualization).

Data Science Instructor

(Remote)

edX / University of Birmingham ☐   2021 - Today

- I lead the delivery of the Data Analytics & Viz Boot Camp online lectures that include an active discussion environment, project-based learning, live coding and theory.
- I have supported +90 students mentoring their transition onto data careers with the delivery of meta-skills and core concepts, data projects and challenges.

Data Analyst

(Remote - UK Based)

Emerald Works (lately Mind Tools Ltd) ☐   2021 - 2022

- I designed, developed, maintained multiple dashboards in PowerBI in alignment with wider business and engineering objectives improving client renewal rates by 25%.
- I pilot and implemented new advanced analytics solutions at pace and scale.
- I acted as an internal consultant supporting several internal senior level stakeholders across the business on a variety of data projects creating evidence-led in

Blogger - Data & Analytics

(Remote)

profersorDATA.com ☐   2020 - Today

- I write articles on current topics, education and interest in the world of analytics and data science with strong focus on industrial and retail operations.
- The blog is aimed at data science and analytics professionals and students who want to broaden their knowledge and keep up to date with the latest trends in the industry.

EDUCATION

MSc in Data Science & Business Analytics ⬀
IMF Business School w/ Univ. Antonio de Nebrija

📅 Nov 2020 - Nov 2023

PG Diploma in Business Analysis & Big Data ⬀
Cambridge University

📅 Jun 2019 - Sep 2019

MSc in Industrial Engineering ⬀
Universidad Carlos III de Madrid

📅 Sep 2002 - Feb 2009

CERTIFICATIONS
Showing last 5 years (2019 - 2024)

Data Science Professional Cert ⬀
IBM - Coursera

📅 Nov 2021

Statistics for Data Science and Business ⬀
Udemy

📅 Nov 2020

Relational DB Admin with MySQL ⬀
Udemy

📅 Jun 2020

Data Storytelling ⬀
Udemy

📅 May 2020

LANGUAGES

Spanish ▬▬▬▬▬▬▬▬▬▬

English ▬▬▬▬▬▬▬▬▬

Italian ▬▬▬▬▬

ONLINE PORTFOLIO
View my online CV-Porfolio here:

🌐 https://eggom.github.io/cv_web/

WORK EXPERIENCE (CONT)

Career Break - Round The World Trip
(Around The World)
2019 - 2020

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- I decided to take few months as career break after voluntary redundancy to achieve a lifetime goal of travelling the world in a solo basis.
- It was also a step back from corporate world and a time to develop myself personally and rethink about my professional future with a desire to resteer my career onto the data / AI ecosystem to support the digital transformation of traditional industries.

Senior Quality Operations Leader
(Solihull, UK)
2014 - 2019

Jaguar Land Rover ⬀

- I delivered the mapping, implementation and optimization of the quality control systems and workflows of vehicle validation of a 1800-person manufacturing assembly process.
- I contributed to quality performance by generating comprehensive vehicle defect data analysis, identifying emerging trends and combining critical and holistic thinking to prioritise issues for resolution.
- I owned the design and development of an internal IT system (VBA-Excel-Tableau based) to get data for monitoring and analysis of the quality performance of the inspection lines and human inspectors.

Production Engineer and Lean Change Agent
(Daimiel, SPAIN)
2011 - 2014

Vestas Wind Systems ⬀

- I run and lead business optimization projects to release work capacity, improve quality, output and reduce both scrap, cost and lead time by using the Lean Six Sigma DMAIC approach and Data Management.
- I directed cross-functional analytical problem solving teams to provide resolutions to fix defective, damaged or malfunctioning parts, equipment, and business processes.
- I lead the development of the TIPs for Lean Implementation from Plant Roadmap.

Lean Manufacturing Excellence Coordinator
(South Carolina, USA)
2010 - 2011

Faurecia North America ⬀

- I was responsible for driving the Faurecia Excellence System at the JIT site (with over 500 employees), identifying areas for improvement and leading plans and projects to achieve company targets.
- I conducted datastore analysis and developed plans to exceed internal KPI metrics, championing the improvement of standardized work processes within the company.

IT Business Analyst
(Madrid, SPAIN)
2009 - 2010

Indra Sistemas (Minsait) ⬀

- I captured the core CRM business processes of two large electric utilities preparing for a merger.
- I provided business process optimization to be integrated into the CRM Module of the IT system being developed for the merged company.
- I collaborated with cross-functional teams, including business analysts, developers, and technical support professionals, to determine a comprehensive list of requirements for new applications and software development.

Supply Chain Engineer
(Madrid, SPAIN)
2008 - 2009

Faurecia SPAIN ⬀

- I planned and scheduled the JIT site serving automotive OEM Peugeot, managing over 20,000 different SKUs.
- I analyzed customer demand data and improved forecasting workload using Business Intelligence tools.
- I streamlined office operations through automation, oversaw client communications, and managed record tracking and data communication activities.