





Eduardo Gil Gonzalez - Madroño

DATA LEAD & MENTOR
SENIOR OPERATIONS SPECIALIST

CONTACT ME

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TECH DATA STACK

- O O P**
Python 3 -- Pandas, PySpark, SKLearn, TensorFlow.
JavaScript -- D3, Plotly, ML5.
- DATA STORAGE**
SQL -- Databricks SQL, PostgreSQL, Ms SQL Server
NoSQL -- MongoDB, DynamoDB, Neo4j
- BIG DATA PLATFORM**
DataBricks -- Delta Lake, Spark, Hadoop

- I D E s**
VS Code
Jupyter Notebook

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

- C L O U D**
AWS -- S3, RDS, DynamoDB, AppFlow, Kinesis

SKILLS

- Problem Solving

Communication

Natural Coacher

Critical Thinking

Structured Thinking
- Business Acumen

Analytical Mindset

Self-Starter

Out-Of-The Box Thinker

Data Intuition

EXPERTISE

- DATA ECOSYSTEM**
- Statistics & Maths

Data Visualization

Data & ML Ops
- Data Wrangling

Data Storytelling

Business Intelligence

- OPERATIONS ECOSYSTEM**
- Visual Management

Project Management

Operational Excellence

Lean Manufacturing
- Standardized Work

Agile Framework

Continuous Improvement

Industry 4.0


IN A NUTSHELL


I am a highly motivated results-driven 360° data professional with over 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-driven solutions that enhance operational efficiency, improving their internal business processes and the experience of their clients. I bring a unique blend of technical acumen and industry insights thanks to my past experience of more than 12 years in the industrial operations ecosystem.


MY VALUES

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

WORK EXPERIENCE


- Data Lead** (Remote)
Mind Tools Limited  2021 - 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.
 - 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.
 - 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.


- Blogger - Data & Analytics** (Remote)
professorDATA.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.

- Career Break - Round The World Trip** (Around The World)
-- 2019 - 2020
- 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 and AI ecosystem.


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

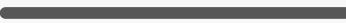
 Jun 2020

Data Storytelling 
Udemy

 May 2020

LANGUAGES

Spanish 

English 

Italian 


PORTFOLIO

View my online CV-Portfolio here:

 https://eggom.github.io/cv_web/

WORK EXPERIENCE (cont)

Senior Quality Operations Leader


Jaguar Land Rover 

(Solihull, UK)

2014 - 2019

- 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

Vestas Wind Systems 

(Daimiel, SPAIN)

2011 - 2014

- 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

Faurecia North America 

(South Carolina, USA)

2010 - 2011

- 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

Indra Sistemas (Minsait) 

(Madrid, SPAIN)

2010 - 2011

- 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

Faurecia SPAIN 

(Madrid, SPAIN)

2010 - 2011

- 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.