

CÉSAR AUGUSTO JIMÉNEZ

DATA SCIENTIST

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ABOUT ME

Data scientist with a bachelor's degree in Economics, a master's degree in Mathematics, and +5 years of experience in designing and maintaining KPIs to extract meaningful business insights from data. Passionate about using data-driven and innovative solutions on cross-functional, complex business problems. Proficient in statistical modelling, data visualisation, data scraping and wrangling.

EXPERIENCE

SENIOR DATA ESPECIALIST

OCT '21 - PRESENT

NATIONAL COMPETITIVENESS COUNCIL

- Analysed widespread topics regarding the increase of national competitiveness and productivity.
- Developed and maintained the institutional repository of KPIs, and its pipeline, using Python to web scrape data from various sources (including the World Bank API and some semi-structured data, such as that from the Dominican Republic Central Bank), and stored it in a MySQL server.
- Selected 5 industrial sectors to be prioritised as the Dominican government's main focus for foreign direct investment, infrastructure development and promotion, both nationally and abroad.

DATA SPECIALIST

MAR '20 - OCT '21 · 1 YEAR, 8 MONTHS

MINISTRY OF ECONOMY · PLANNING AND DEVELOPMENT

- Maintained the data pipeline of egresa.do, a portal aiming to inform citizenry about wages and employment rates prospects for over 250,000 annual forthcoming higher education undergraduates, using a combination of Python and R to extract, transform and load data from various sources.
- Designed and maintained various informative dashboards on display on [MEPyD's webpage](#), using Power BI as visualisation tool and a combination of Python and R to web scrape and unify data from various sources.
- Performed various ad hoc analysis, such as selecting 101,743 households as welfare recipients to soften the initial COVID-19 effects on those most affected.

COMMERCIAL ANALYSIS MANAGER

JUN '18 - FEB '20 · 1 YEAR, 7 MONTHS

MOLINOS MODERNOS · CMI FOOD AND MASS MARKET CONSUMPTION

- Increased annual sales by USD 668k while maintaining the costs of distribution by adding 1,800 new customers and optimizing visit frequency and routing schema.
- Oversaw the product pricing strategy and follow-up, alongside the marketing department.
- Successfully led the project to geolocate all 27,041 customers nationwide.
- Designed, along with a cross-functional team, the set of 15 commercial KPIs used to measure and compensate the 78 sales representatives nationwide.
- Cascaded national sales goals down to regional managers, supervisors, and sales representatives, along with all commercial KPIs.
- Drafted and built informative dashboards, using Power BI as visualisation tool, and connected to an Oracle Database.

EDUCATION

MSc MATHEMATICS

University of Wolverhampton, 2017
Honors: with merit

BSc ECONOMICS

INTEC, 2014
Honors: Cum Laude

CERTIFICATIONS

- Data Science: Foundations using R
- Python Programming
- Power BI
- [Excel for Data Analysis and Visualization](#)

TECHNICAL SKILLS

Machine Learning
Statistics
Data analysis
Data visualization
Web scraping
R
Python
SQL
Power BI
Git
Excel

SOFT SKILLS

Creativity
Critical thinking
Problem solving

LANGUAGES

Spanish (native)
English (proficient)