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

NATIONAL COMPETITIVENESS COUNCIL   OCT '21 - PRESENT

SENIOR DATA ESPECIALIST

- 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.
- Took part on a cross-functional team to select and prioritise 5 industrial sectors as the Dominican Government main focus for foreign direct investment, infrastructure development and promotion, both nationally and abroad.

MINISTRY OF ECONOMY, PLANNING AND DEVELOPMENT   MAR '20 - OCT '21

DATA ESPECIALIST

- 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.
- 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.

CMI FOOD AND MASS MARKET CONSUMPTION - MOLINOS MODERNOS   JUN '18 - FEB '20

COMMERCIAL ANALYSIS MANAGER

- Increased annal sales by USD 668k while maintaining the costs of distribution by adding 1,800 new customers and optimising 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**
(With merit) (2017)
University of Wolverhampton
United Kingdom

- **BSc ECONOMICS**
(Cum Laude) (2014)
INTEC
Dominican Republic

Certifications

Data Science: Foundations using R
Python Programming
Power BI
Excel for Data Analysis and Visualization

TECHNICAL SKILLS

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

SOFT SKILLS

Creativity
Critical thinking
Problem solving

LANGUAGES

Spanish (native)
English (proficient)