



ABIGAIL RIVERA

Data Science Specialist

ABOUT ME

I'm **Matematician**, Data Science Specialist and Full Stack Developer. Expert in building tailored business solutions using mathematical knowledge to streamline processes. Big passionate for innovation.

EXPERIENCE

C Product Operations Sr. Analyst - DIDI

11/2024-currently

- Improve performance and user experience across food marketplace sections in MX, CO, PE, and CR through data-driven performance analysis and campaign strategies in partnership with the Commercial team. Measuring the impact through A/B testing.
- Develop accurate mathematical and machine learning analyses to drive adoption of them with the stakeholders and improve daily processes and performance business.
- Build and managed databases and dashboards, enabling stakeholders to access key insights autonomously, make data-driven decisions, and drive brand growth.
- Coordinate with Engineering to implement internal product features that highlighted brand negotiations, improved user experience, and enhanced Rs selection marketplace accuracy.

Regional Execution Sr Analyst - MERCADO LIBRE

01/2024-11/2024

- Regional standardization of kpis to the BR, MX, AR, CO, CL and UR shipping operations.
- Development and support of data tables from table seeds with all the consolidated information of the last and first mile routes to be consumed for the country's operations and analytic regional stakeholders.
- Creation of reports with tableau to know the wide panorama of the main OKRs for the first and last mile routes and report it to the operation country teams and the shipping leaders and be able to take action to solve the main opportunities.
- Extracting and analyzing data insights, to request to the Product team for new implementations in the front end or algorithm changes in the internal apps to sort out the operational frictions.

Full Stack Developer - INDEPORTE

04/2022-12/2023

- Application Web development for social programs. As a freelancer I developed an ecommerce website. All my projects can be seen here: <https://nitamente.com.mx/projects>

Data Science Specialist - WALMART

05/2019-04/2022

- Building mathematical adaptive learning algorithms based on the data history to streamline the supply chain logistics, englobing the chain from beginning to end, to drive performance of core KPIs jointly.
- Managing projects with stakeholders to the launching of applying those mathematical algorithms to the system.
- Interactive website enterprise interior system creation.
- Data visualization with dashboards and creation with a reasonable mathematical logic for decision-making reports.

Demand Planning - WALMART

03/2018-05/2019

- Build sales forecast and increase the forecast accuracy. Make the cleansinf of wrong history cause bad fill rate, canabalization, bad delivery times and so on.
- Analysis and creation of tools for the best developing of the forecast and correctly the system variables to increase forecast sales accuracy.

Mathematician - DREIDEL

04/2017-08/2017

- Modeling probability functions. Analysis of player behavior with mathematical algorithms, which for good gamers maximize their time spent at the casino, keeping constant the expected amount of their profit or loss (Simplex Method).

Professor's assistant - UNAM

01/2015-01/2017

- Professor's assistant in the subjects of: Differential Equations I, Celestial Mechanics, Complex Variable I, and Analytical Mechanics.

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I'm a highly independent associate very passionate in understanding the business, keep everything simple and deliver everything in the most dynamic way. I'm a person who is always looking for the next big challenge.

EDUCATION

Bachelor's degree in Mathematics

Facultad de Ciencias
at Universidad Nacional
Autónoma de México

(GPA 8.87/10)
2012 - 2016

TECHNOLOGIES

SQL (BIG QUERY / MYSQL
/ POSTGRESQL)
TABLEAU / POWER BI
PYTHON
HTML / CSS / JAVA SCRIPT
PHP (LARAVEL)

LANGUAGE

- English - Advanced
- Spain - Native