ALEXANDER BERMÚDEZ M.

Data Analyst | Data Scientist | Machine Learning Engineer | Python | SQL | Certified by IBM, Microsoft, DataCamp

PROFILE

More than 9 years of experience and training in data, analytics, statistics and machine learning. I am passionate about data and artificial intelligence. I have worked on projects with multiple teams and departments for marketing, purchasing, inventory, and financial and credit areas.

I define myself as self-motivated learner and highly curious and innovative in data and technology applications.

"Business intelligence gives you the information you need to ask questions, data science gives you the answers."

CONTACT INFORMATION

Phone number:
506+ 64068201

LINKEDIN:
www.linkedin.com/in/data506

CORREO:
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TECNOLOGIES

Power Bi / Tableau / Alteryx
Python / Salesforce /
Git / SQL / R / Jira
Azure fundamental

CERTIFICATIONS

DevOps and software engineering
Deep Learning Specialization
Professional certification in Machine Learning
Azure Fundamentals
Data Scientist with Python
Python programmer
Marketing analytics
Computational social science
DevOps, Cloud, Agile

IDIOMS

Spanish - Native
English - B2

PERSONAL INTERESTS

Applied mathematics
Physics
Chess
Soccer
Trips

WORK EXPERIENCE

Instacredit / Data Scientist
April 2024 - present
- Development of machine learning models for projects such as: Prediction of customers next payment or potential cancellation / Risk based loan balancer and financial KPIs / Model for collection management based on probability of contact / Reinforcement learning-based intelligent agent for collection optimization.
- Documentation of developed code and reporting solutions.
- Use of SCRUM methodologies, teamwork with other scientists and MLOps engineers.
- Use of AWS platform

UNIVERSAE / Professor
November 2024 – present
Professor in courses of: Machine Learning II, Statistical Modeling, Data Project 2 and Optimization.

RH BUSINESS SCHOOL / Instructor
July 2023 – May 2024
CertiProf Certified Artificial Intelligence Instructor

Grupo Unicomer / Data Scientist
April 2022 - Present
- Development machine learning models for projects such as customer segmentation, purchase prediction, product recommendation, purchase demand prediction, financial scenario creation, and A/B testing for marketing campaigns.
- Gathered and documented requirements for reports, ETL workflows and analytic solutions, including documentation and maintenance.
- Writing data queries to extract information and data validations.
- Development of ETL processes for loading tables, creating dashboards, or sending reports
- Supported data governance initiatives and guided the team using the SCRUM model
Achievements:
SKU forecast with 75% accuracy and 85% accuracy at the category level
Automated 125 customer clusters with identification of 10 high-return clusters
Achieved over 95% success rate in ETL executions, implementing automated email alerts for error detection

Grupo Unicomer - Walmart / Data Analyst
May 2017 - March 2022
Responsibilities:
- Create reports using Tableau.
- Designed in Alteryx to other technologies such as Python.
- Create reports for multiple departments (marketing, purchasing, credit, inventory).
- Developed ETL workflows integrating data from OneDrive, SharePoint, SQL Server, and Oracle databases
- Documentation of solutions.
- Handling failures or errors in data flows.
- Taking requirements for the development of information cubes.
- Creation of portfolio reports, sales, marketing campaign monitoring.
- Preparation of management presentations.

ACADEMIC TRAINING

Bachelor's Degree in Computational Mathematics (In progress)
UNIR – International University of La Rioja (Spain)
Master in Artificial Intelligence Research
UNIR – International University of La Rioja (Spain)
Diploma in Computer Science
UNED – Universidad Estatal a Distancia (Costa Rica)
Bachelor's Degree in Social Research
UCR – Universidad de Costa Rica (Costa Rica)