LUCIA COLIN COSANO

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SUMMARY

Demonstrate ambition and discipline, underpinned by a strong analytical aptitude and decisive problem-solving skills. Stems from unwavering commitment to educating and astute observation. Professional aspiration revolves around integrating data analytics tools with perspective derived from engineering background, enabling to tackle multifaceted challenges across diverse domains

EDUCATION

Illinois Institute of Technology, Chicago, IL   08 2023 - 08 2024
Master of Science, Artificial Intelligence, GPA 3.5
- Outstanding in Machine Learning, Probabilistic Graphical Models and Data Preparation and Analysis
- Thesis: Optimization of Investment Portfolios: comparison between Modern Portfolio Theory and Machine Learning models

Polytechnic University of Madrid, Spain   09 2022 - 05 2024
Master of Science, Management Engineering, GPA 3.42
- Class representative
- Participated in the Global Management Challenge, developing skills in business strategy through a business simulation

University of Navarra, Spain   09 2022 - 01 2024
Master of Science, Big Data Science, GPA 4
- Outstanding in Statistics, Big Data Techniques, Data Analysis with Python, Data Cleaning, Data Visualization, Databases, Data Collection Techniques, Deep learning and Project Management and Business Perspective

Polytechnic University of Madrid, Spain   09 2017 - 06 2022
Bachelor, Engineering, GPA 3.11
- Outstanding in Thermodynamics, Mechanics, Experimental Designs and Regression Models and Data analysis
- Participated in decision-making processes related to course offerings as part of the Mathematics Department Council
- Implemented mentoring program for 7 students, providing assistance during the first year at College

PROFESSIONAL EXPERIENCE

Data Analyst
Grupo Cartes, Spain   04 2024 - 08 2024
- Developed and implemented Power BI dashboards to analyze incomes and expenditures, providing insights for strategic planning and collaborating with stakeholders to optimize decision-making

Data Scientist
Ingka Group (IKEA), Madrid, Spain   01 2023 - 07 2023
- Engaged member of the Selling and Payments team, cooperated in a research initiative to enhance data quality for IKEA store purchases, employing Machine Learning techniques to fill gaps and validate existing data
- Conducted in-depth predictive analyses to forecast revenue and stock trends using multi-series models, improving metric by a 11% compared with single time series
- Constructed generalization models by identifying behavioral similarities through advanced clustering techniques, further improving data-driven processes

Project Engineer
Universidad Politécnica de Madrid & Accenture, Spain   01 2023 - 06 2023
- Led a project in collaboration with Accenture to modernize operations for Navantia, focusing on stakeholder engagement, and risk mitigation.
- Ensured effective communication and collaboration among team members and stakeholders, tracked project milestones and costs rigorously, and addressed potential challenges through advanced risk management strategies, demonstrating industry best practices in project management

SKILLS, CERTIFICATIONS AND OTHER INFORMATION

- Languages: Spanish (Native), English (C2 Level) and French (B1 DELF)
- Transferable skills: analysis skills, critical thinking, teamwork, time management, adaptability and quick learning
- Technical skills: Microsoft Office, Python, R, SQL, Power Bi, Tableau, GCP, AWS, Github, Autocad, FlexSim and LaTex
- Nova Talent Member. Nova is the by-invitation-only network where the top 3% of talent connect with each other
- Lived in Santa Monica community college for two years. Tennis delegate, in charge of organizing lessons for the schoolgirls

VOLUNTEER EXPERIENCE

Food Collector   09 2017 - 06 2023
Caritas, Madrid, Spain
- Engage in volunteering activities, by collecting food for individuals at risk of exclusion a weekend per month

Painting for others   12 2017 - 06 2020
International Cooperation, Madrid, Spain