Andres Felipe Tellez

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# SUMMARY: Passionate data scientist with expertise in supervised, unsupervised, and recommendation models using TensorFlow, Keras, and scikit-learn. Proficient in transformers, OpenAI models, and Langchain framework with hands-on experience in deploying scalable tech solutions. Skilled in data-driven decision-making, process automation, and advanced dashboarding tools. In my free time, I write about my learnings and experiences with various tools: https://medium.com/@andres.tellez

# SKILLS

* **Languages:** Spanish(Native), English(Fluent), French(C1 Certified), Portuguese (Basic).
* **Core programming languages:** Python, R, SQL.
* **Data visualization and monitoring tools:** MS Excel, Looker Studio, MS Power BI, Splunk, AppDynamics and Datadog.
* **Cloud and other technologies:** AWS, MS Azure, Databricks, Git, GitHub, Bitbucket, Docker, Postman.

# PROFESSIONAL EXPERIENCE

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| **Globant S.A *–*** *A leading global technology services company* | **Bogotá, Colombia** |
| **Data scientist Semi Senior** | **July 2023-Today** |

* Received ‘Greatest Business Value Award’ at the *Royal Caribbean Hackathon* for developing an Azure OpenAI internal chatbot that generates reliable queries in multiple languages, references dashboards and Confluence pages, assists SRE with process automation, and enables non-technical stakeholders to access information seamlessly. It can process 1,000 requests per second and responds within 5 seconds.
* Assisted the Royal Caribbean’s data science team in integrating LLM driven products with Gantry to rigorously evaluate response accuracy and established a comprehensive monitoring and alert system in Splunk, successfully overseeing and analyzing 100,000+ requests per day.
* Deployed an AI Portal in Amazon EKS to host various AI and machine learning applications, significantly accelerating the development and deployment of web features, and enhancing data collection and analysis. To date, three products have been successfully deployed on this platform.
* Collaborated with Site Reliability Engineers to build diverse solutions to obtain core web vitals, including an EKS job running synthetically generated data from Lighthouse for the top 10 pages of Royal Caribbean, and a serverless solution to collect information from AppDynamics and Splunk to measure page availability.

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| **Data scientist Jr Adv** | **July 2022-July 2023** |

* Build the monitoring and observability infrastructure for *Royal Caribbean* *Cruises* and *Celebrity Cruises* e-commerce brands in Splunk by building 60+ dashboards, supporting in error resolution, impact analysis, and led 15+ successful canary releases by leveraging high end statistical analysis.
* Contributed on the deployments of 5+ *Royal Caribbean Group* features that enhance user experience, including a new cruise search engine, a cruises recommender system, a new payment gateway, a wish list cart, amongst others.
* Implemented data governance practices in AWS for Royal Caribbean Group teams, resulting in a reduction of expenses by at least $700,000 over 5 years.

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| **Tech management intern** | **January–July 2022** |

* Ensured seamless day-to-day operations by collaborating with 15+ technical leaders across multiple countries such as Argentina, Colombia, Ecuador, Peru and Mexico to ensure accurate reporting on technology trends.
* Coordinated the delivery of 50+ training sessions to maintain competitive advantage through up to date skills acquisition and designed two dashboards in Looker Studio to visualize key skill capacity KPIs.

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| **Analytics Club (AC) –** *A student-led data analytics consultancy club* | **Bogotá, Colombia** |
| **Data analyst and area leader for entrepreneurship and startups** | **2021-2022** |

* Managed and directed 3 data-driven projects for startups, including EcoFresh, Fondos CV, and Menǖpp.
* Devoted 150+ hours to teaching introductory workshops in Python, R, MS Excel, probability, and statistic.
* Built a model for UALET, a stock market app, using regression and hierarchical clustering to identify buyer traits.

# EDUCATION

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| **UNIVERSIDAD DE LOS ANDES** | **Bogotá, Colombia** |
| **Industrial engineering with emphasis in operations research and statistics** | **2017-2023** |

* GPA: 4.32/5.0
* Minor: Innovation with technology.
* Thesis: Chest Illness Probability Estimation: A Comparative Study of Convolutional Neural Networks for X-Ray Analysis.