Dear Hiring Manager at Constellation,

I am excited to apply for the Senior Data Scientist position on your team. Constellation's commitment to transforming complex workflows into intelligent, scalable solutions aligns with my passion for creating data-driven products that yield immediate, tangible impact. The opportunity to build advanced machine learning models, make architectural decisions, and mentor junior teammates is precisely the challenge I seek at this stage in my career.

With approximately ten years of experience tackling diverse data science problems, I have developed strong proficiency in Python (Pandas, scikit-learn, statsmodels, Keras, TensorFlow, PyTorch, JAX), R (GLMMs, GAMMs), and a solid background in modeling customer behavior, ROI measurement, and experimental design. One of my most impactful projects involved building a marketing mix modeling solution for a financial services client, boosting campaign ROI by over 20% and reducing churn through optimal budget allocations. I have also learned from failure - early in my career, an under-validated forecast model led to missed sales targets, teaching me the critical importance of robust validation and transparent collaboration with stakeholders at every stage.

Constellation should consider me because of my proven track record in large-scale data initiatives, end-to-end model deployment (Databricks, MLflow, AWS Lambda, SageMaker, EC2), and my desire to foster a collaborative, high-performing environment. I look forward to refining data pipelines, designing experiments, and championing best practices that will help shape the future of Constellation's platform.

Thank you for considering my application. I welcome the opportunity to discuss how my experience and dedication to innovative data solutions can serve Constellation's goals. I look forward to hearing from you.

Sincerely,

Henrique Laureano