Dear Hiring Manager,

I am writing to express my keen interest in the Data Scientist, Transaction Monitoring position at the Royal Bank of Canada. With my proven expertise in machine learning, data science, and generative AI, coupled with a strong passion for AML/ATF compliance, I am confident in my ability to make significant contributions to your team.

My experience at Global Cyber Security (GCS) within RBC has equipped me with a deep understanding of the bank's data landscape and AML/ATF challenges. During my co-op term, I successfully led the development of an insider threat detection system, leveraging generative AI, NLP, and computer vision to enhance threat detection accuracy. My proficiency in Python, SQL, and data visualization tools like Power BI, as demonstrated in my work at RPA Labs and Treeleaf Technologies, aligns perfectly with the technical requirements of this role.

I am particularly excited about the opportunity to apply my skills in machine learning and data science to develop and maintain efficient AML/ATF transaction monitoring solutions. My experience in model development, hyperparameter tuning, and deployment through RESTful APIs will enable me to effectively create and implement new models while optimizing existing ones. Additionally, my strong communication skills will ensure seamless collaboration with both technical and non-technical stakeholders, facilitating the clear presentation of complex model performance insights.

I am eager to contribute to RBC's commitment to maintaining a robust AML/ATF program. My dedication to staying at the forefront of technological advancements, coupled with my passion for data-driven solutions, makes me an ideal candidate for this position. I am confident that my skills and experience will be a valuable asset to your team.

Thank you for considering my application. I have attached my resume for your review and would welcome the opportunity to discuss how my qualifications can benefit the Royal Bank of Canada.

Sincerely,

Mandil Karki