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29 November 2025, Melbourne, Australia

Endeavour Group

Dear Hiring Team,

I am writing to express my keen interest in the Data Scientist position at Endeavour Group. With a PhD in Engineering and over three years of industry experience in Data Science and AI Engineering, I align with your mission of "creating a more sociable future, together" and your innovative culture.

My expertise lies in developing sophisticated data models, algorithms, and statistical methods to solve complex business challenges. I have developed hybrid ML models for pharmaceutical bioreactors, optimized mathematical models for drug dosage prediction, and created accurate data-driven models for ice formation on transmission lines. I am passionate about uncovering insights and promoting data-driven decision-making across the entire data science pipeline, from scoping to optimization.

I possess extensive experience in designing and conducting experiments, including leveraging "Experimental Design and Optimization" to create multi-scale digital twins and reduce reliance on physical experiments. My technical skills include Python, SQL, ML/NLP frameworks (Scikit-learn, PyTorch, LLMs including RAG), and cloud platforms like AWS and Databricks. I excel in collaborating with cross-functional teams, managing stakeholders, and delivering impactful solutions in agile environments, such as developing RAG-based chatbots for context-aware data analysis.

My proactive, inquisitive, and creative problem-solving approach, demonstrated through leading industry projects and developing novel models, aligns perfectly with Endeavour Group's values. My customer-focused mindset, combined with strong communication and collaborative spirit, reflects my commitment to being a team player who "endeavours for better."

I am highly enthusiastic about contributing to Endeavour Group's innovative data initiatives. My blend of technical expertise, problem-solving abilities, and collaborative spirit makes me an ideal candidate. I am eager for an interview to discuss how my skills and experience can benefit your team.

Kind regards,  
Mariia Timofeeva