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Hiring Manager
Mackay Hospital and Health Service
Mackay, Queensland

Dear Hiring Manager,

I am writing to express my interest in the Data Analyst position at Mackay Hospital and Health Service, as advertised. With a strong background in data analysis, machine learning, and a passion for leveraging data to drive meaningful insights in the healthcare sector, I am excited about the opportunity to contribute to the Performance Analysis Unit at Mackay Base Hospital.

Pursuing Dual Degree in Biological Sciences from the Indian Institute of Technology, Madras, I have developed a solid foundation in statistical analysis, data management, and programming languages such as Python and SQL. My coursework and hands-on experience have equipped me with the necessary skills to integrate data from various health information systems and generate meaningful reports to support operational and strategic decision-making processes.

During my internship at FN MathLogic Consulting Services, I worked on developing a Conversational Question Answering System using Large Language Models (LLMs) for ICICI Lombard Policy data. I gained valuable experience in exploring LLM memory retention, implementing transfer learning techniques, and achieving significant improvements in model performance. Additionally, my internship at Street Style Store Company involved classification of user-agent conversations to enhance user experience, where I utilized machine learning algorithms and achieved high accuracy levels.

Furthermore, my research experience, including a project on Machine Learning for Milk Foam Analysis at IIT Varanasi, demonstrates my ability to apply machine learning techniques to real-world problems. I am adept at handling large, disparate datasets, conducting statistical analyses, and communicating findings effectively to stakeholders.

I am particularly drawn to Mackay Hospital and Health Service's commitment to providing high-quality healthcare services to the community and leveraging data-driven insights to improve patient outcomes. I am excited about the opportunity to work with the Performance Analysis Unit and contribute to the achievement of business goals through innovative reporting solutions and data-driven decision-making processes.

Thank you for considering my application. I am eager to bring my skills, enthusiasm, and dedication to the Data Analyst role at Mackay Hospital and Health Service. I look forward to the possibility of contributing to the success of your team.

Warm regards,
Harsh Sagar