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Hiring Manager
Epsilon

Dear Hiring Manager,

I am writing to express my interest in the Business Intelligence Engineer I (Data Analyst) position at Epsilon. With a strong academic background in data analysis, machine learning, and data visualization, coupled with hands-on experience in data-driven problem-solving, I am eager to contribute to Epsilon's data and analytics initiatives and help drive actionable insights.

My studies in M.Sc.(Tech.) Electronics at the National Institute of Technology, Warangal, have given me a deep understanding of statistical methods, data processing, and computational techniques. Additionally, my internship at the **CSIR-Central Scientific Instruments Organisation** allowed me to work on a healthcare application, **DFU Saarthi**, which leverages data to predict health outcomes for diabetic foot ulcer patients. This involved not only data preprocessing and analysis but also deploying predictive models using tools like Firebase and Android Studio, showcasing my ability to transform data into impactful solutions.

I have developed strong analytical and technical skills through various projects, including building a **movie recommendation system** and a **next-word predictor** using **LSTM** networks. These projects enhanced my ability to work with large datasets, build and evaluate models, and deliver data-driven insights. Additionally, my research experience at the **National Institute of Science Education and Research** strengthened my proficiency in Python and data processing, allowing me to optimize computational models and workflows effectively.

I am particularly skilled in:

- Developing dashboards and data visualizations using tools like **Tableau** and **Power BI**
- Writing efficient SQL queries to analyze large datasets
- Working with cloud environments such as **Azure** and **Firebase**, and building data applications with **Streamlit**
- Utilizing machine learning frameworks like **TensorFlow**, **Keras**, and **scikit-learn**, and handling libraries like **NumPy** and **Pandas**
- Performing exploratory data analysis (EDA) and statistical modeling, including techniques like **Linear Regression**, **SVMs**, and **Neural Networks**.

My ability to collaborate with cross-functional teams and communicate data findings effectively will be a valuable asset in addressing Epsilon's business needs. I am excited about the opportunity to support your organization in making data-driven decisions, and I am confident that my skills in data analysis and visualization will contribute to Epsilon's success in driving innovative business intelligence solutions.

Thank you for considering my application. I look forward to discussing how my background and skills can help support Epsilon's mission and growth.

Sincerely,

Abinash Parida