Dear Sir/Madam,

I am writing to apply for the Data Science intern position at Grainger. I am currently pursuing a Master’s in Data Science from Illinois Institute of Technology, in addition to that, I hold a Master of Science degree in Statistics, with two years of hands-on analytical experience, I am proficient in Python, R, Spark, SPSS and SQL. I have a strong interest in data science, and I would be excited to develop and deploy statistical methods to influence customer-facing investment decisions for Grainger.

Speaking about my experience in analytics, I joined Tata Capital Financial Services Ltd. after completing my Bachelors in Statistics, I have prepared balanced scorecard for used car and two-wheeler dealerships. I joined Tata Capital Financial Services Ltd. after completing my Bachelor of Science degree in Statistics working on the financing of used car models and two-wheeler dealerships. I was involved in the balanced scorecard preparation for these segments, this project resulted in increased lending in this segment with 0% NPA cases. I worked as a Data Science intern at Nielsen India Inc. which involved automation using R software, this project help to reduce the time consumption for data validation processes by almost 25 %. I have worked at Greeksoft Technologies Pvt. Ltd. for stock price forecasting where I have used LSTM recurrent neural networks using Keras package in python, and backtested the model for a period of 2012-17 with correct trend prediction for 71 % of the total number of the days. These experiences have made me adaptable learner and given confidence for trying new things. I am confident I could add value to a team of data scientists to solve business problems.

After my Masters of Statistics program, I joined Cartesian Consulting Pvt. Ltd., as an Analyst where I have gained exposure of working under multiple projects of varied domains. It involved working in the grocery domain for assisting their marketing team using MariaDB SQL, predicting most valuable customers for a research publication organization and conducting a research project for evaluating whether ‘Fantasy Sports is a game of skill or luck’. I have extensively used SQL and Microsoft Excel, for querying the customer database and developing the metrics for the business, for further analysis I have used Power BI and Tableau for data visualization. Currently, I am working as a Data Scientist at Daten Solutions, where I am involved in data migration from SQL Server to Snowflake. I have implemented data modeling concepts like Snowflake schema, Change Data Capture, CI/CD, etc. using streams and merge concepts in snowflake. I have used statistical methods like ARIMA for forecasting the future demand of the different services of the company.

My strengths include the good organizational skills, ability to multi-task, project management abilities and excellent communication skills. I would love the chance to bring my skills, knowledge, and abilities to Grainger as your new Data Science Intern.

Sincerely,

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