­­Dear Sir/Madam,

I am writing to apply for the Data Scientist Intern position at Airbnb. I am currently pursuing Master’s in Data Science course 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, SQL and statistical packages. I have a strong interest in data science, and I would be excited to develop and deploy statistical methods to translate findings into business terms and actionable guidance for Airbnb.

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 involved sampling, weighting, and projection enhancements 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 customer for a research publication and conducting a research project for evaluating whether ‘Fantasy Sports is a game of skill or luck’. I have completed multiple certifications like SAS Base programmer, SAS Predictive Modeler using SAS Enterprise Miner 14 and Machine Learning Specialization from the University of Washington, as I strongly believe in continuing my path towards self-improvement. I have been praised extensively by superiors because of my proficient written and communication skills, adaptability, art of storytelling through data and using statistics skills to improve decision making. My strengths include the quantitative aptitude, ability to multi-task, presentation abilities and excellent communication skills. I would love the chance to bring my skills, knowledge, and abilities to Airbnb as your new Data Scientist Intern.

Sincerely,

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