

## Sample SOP for MS in Data Science

It's neither the Dollar, nor the Pound, and not even the Franc that would emerge as the most powerful currency in the digital age. Well, data will do, and I believe that data is the most dominating currency in the commercial space. A career in data science appeals to the creative being in me, while my inquisitive mind braces up to forge a happening career in this discipline. AI and ML are the future of app development, which I realized while working as a junior analyst at Cognizant. Besides, evaluating data from voice assistants like Alexa has shown the way to assess users' aspirations. AI is a product of analytics and data science, and I feel gratified to be a part of this dynamic industry. I would like to delve deeper into a career in data science, leading global MNCs from the front, and generating insights from massive chunks of data that can transform their operations.

As a child, I found a keen interest in mathematics. This interest was so appealing that I studied Statistics as my additional subject during my intermediates. Correlations between different sets of data, solving puzzles, and then cracking codes used to gratify me with a psychological reward that no other activity could do. Eventually, I decided to choose a course during graduation which would do justice to my inquisitive mind and my obsession for numbers. While most of my batchmates opted for civil or mechanical engineering, I decided to go with mathematics. After completing my intermediates, I enrolled myself at Amity University to study my B.Sc. in Mathematics. This strengthened my affinity with numbers. Playing around with numbers, I learned to derive sensible insights from large chunks. This further took me closer to a career in data science.

My diligence to learning paid off, and I got an opportunity to join Cognizant as a junior data analyst through campus placement. Prior to that, I interned at this company for a couple of months as a part of my academic program. The last couple of years of my career has been happening enough, as I capitalized on the opportunity to explore data trends. My professional experience also presented me with the opportunity to collect, evaluate, and interpret data sets for various projects. A coordinated teamwork enabled us to optimize our client's products and improvise the same. Thanks to my performance during this internship, the company decided to absorb me permanently as an employee. Now that I have gained the core skills after working here for the last two years, I am all set to leverage my career by undertaking a globally recognized course.

Aligning my academic background, professional experience, and career scope in the field of data science, it would be a logical decision for me to pursue this course at your university. The University of Edinburg in the UK has come up with a comprehensive program in data science. This course seamlessly complements my efforts to specialize in this domain. On scrutinizing the course modules, I realized that the program explores computational principles. Systems, and methods which help in extracting knowledge and structuring the same from data. Every human activity like browsing a website or scanning through social media pages or even purchasing eCommerce products generates large volumes of data. Assimilating these data sets, it's interesting to draw valuable insights. Studying a Master's program in Data Science from your revered university will leverage my career with fresh skill sets.

Particularly, I am keen to explore the scope of deploying machine learning to detect data patterns which are necessary for making predictions. Also, this course will train me up to gain ideas from databases and algorithms to

elicit trends from large data streams. Besides, I am keen to conceptualize potential research ideas to deal with unstructured data sets like images, text, video, sensor data, and speech. This is where I want to specialize, and the industry-oriented course at your university will take me closer to my goals. On completing this course, I would like to evolve as an accomplished data scientist. In this profile, I would have the scope to explore the finer aspects of data analysis and data science. Particularly, I would like to channel special attention in conducting data analysis, handling raw data, and evaluating data patterns. In the process, I will be able to offer critical insights to my organization on data trends, which can drive their marketing and research operations. This will help my organization solve specific problems for their clients. Also, I would like to deploy this knowledge to develop AI-based services and products. The end users, as a result, would benefit from maximum convenience.

Back in India, I have a tremendous career potential awaiting me. From my research, I realized that skilled and certified data scientists in India enjoy impressive salary packages ranging from INR 25 lakhs to INR 35 lakhs per annum. Given that I already have relevant experience in this field, I would utilize my industry contacts to land upon a lucrative job. It would be a pleasure for me to contribute to a field that appeals to me the most.

As a fervent learner, I always remain open to acquiring fresh knowledge. Considering the tough competition raging in India, I decided to strengthen my career in data science. The industry-oriented course at your university will refine my knowledge set with relevant technical knowledge in data science. Besides, I will be well-poised to address real-world problems in business, particularly focussing on the public sector and manufacturing industry. Therefore, I am looking for an opportunity to pursue this program at your esteemed university.