**STATEMENT OF PURPOSE**

My name is Rahul Biju Kumar Nair, and I am excited to inform you that I have been offered admission at Technical university Dortmund to pursue Masters in Data Science. Pursuing a career in data science has been my goal since my undergraduate studies in computer science.With the growing importance of data-driven decision making, I am eager to deepen my knowledge and skills in this field through the Masters in MSC Data Science program at Technical University Dortmund. I am confident that this program, with its strong focus on both theoretical and practical aspects of data science, will not only strengthen my understanding of complex data analysis techniques but also equip me with the necessary tools to tackle real-world problems. I am excited about the opportunity to learn from renowned faculty and collaborate with like-minded individuals from diverse backgrounds in this program. I am convinced that this program will help me achieve my goal of becoming a skilled and competent data scientist.My interest in data science was sparked during my sophomore year when I was tasked with analyzing local food distribution patterns. Spending hours sifting through numbers and charts, I experienced the transformative power of data firsthand. As I uncovered key trends and insights, I realized the potential of data to address pressing issues like food insecurity. This motivated me to pursue a Master's degree in Data Science, where I can gain the skills and knowledge to effectively collect, analyze and utilize data to address real-world problems. I am excited to learn about cutting-edge technologies and techniques in data science and explore how they can be applied to make a positive impact in society.I pursued bachelors in Computer science from College of Applied Science IHRD, Mavelikkara and was able to score a total score of 7.173. Also I was able to score an IELTS score of 7.0.

Right from my school days I have been very active in extracurricular activities. I was an NCC cadet during my school time which helped me to portray my leadership qualities. With such an encouragement from school, I was able to build my confidence and trained to perform under pressure. I continued the same even during my college days. I was also a National Service Scheme (NSS) volunteer during my college days.

Why Masters in Data Science?

After a lifetime of being fascinated by patterns and problem-solving, I decided to pursue a master's degree in data science. When I was younger, I used to watch my favorite sports teams' performances and look for patterns to try to figure out what was working for them and what was not. Throughout my undergraduate studies, I learned that data is the key to solving complicated problems in a variety of fields, which sparked an early curiosity.

The interdisciplinary nature of data science, which blends statistical analysis, machine learning, and domain expertise, drew my attention when I looked into possible programs. The prospect of using these abilities in fields like urban planning and healthcare, where data-driven choices can improve community results, excites me in especially. I envision myself developing predictive models to improve patient care or optimizing resource allocation in urban environments.

Why Technical University of Dortmund

I prioritised Technical University of Dortmund (TU Dortmund) during my search for the ideal institution to pursue my master's degree. The university's unique blend of cutting-edge research, innovative instruction, and strong industry connections aligns perfectly with my academic and professional goals.TU Dortmund's reputation for excellence in Data science drew me to its esteemed faculty and research centers. The university's emphasis on interdisciplinary collaboration, entrepreneurship, and sustainability resonates with my passion for Data science .The campus's modern infrastructure, nestled in the heart of Dortmund, provides an ideal environment for academic growth. TU Dortmund's strong network of international partners and its location in the Ruhr Valley, a hub for technology and innovation, offer unparalleled opportunities for collaboration and career advancement.I am excited to be part of TU Dortmund's vibrant community, leveraging its resources to drive innovation and contribute to the university's legacy of excellence.

Why Germany

Pursuing my Master's degree Data Science in Germany will provide me with a great opportunity to immerse myself in a world-renowned education system that emphasizes global perspectives. Many international corporations and innovative startups at the forefront of technology are based in the nation. This setting provides excellent chances for internships and teamwork, enabling me to obtain real-world experience and apply academic ideas to problems in the actual world.

Another important factor in my decision was Germany's openness and diversity of cultures. I value the friendly environment that fosters cross-cultural interaction as an international student. My academic experience will be enhanced by this diversified atmosphere, which will also aid in the development of my global perspective on data practices and ethics.

Future Goals

Joining a forward-thinking company that embraces creativity and uses data to tackle practical issues is one of my top priorities right now. My objective is to make a valuable contribution to projects that increase productivity, allocate resources optimally, and improve community results. In the field of healthcare, for example, my goal is to develop predictive models that will help detect patient requirements and optimize the delivery of care, thereby leading to better health outcomes. In the longer term, I aspire to take on leadership roles where I can guide data strategy and foster a culture of data literacy within organizations.

Also In the end, I want to combine my technical know-how with a solid ethical base to support important initiatives that tackle urgent social issues. My ideal job would be one that uses statistics to improve the world while simultaneously fostering my professional development.

Family Background

I stay with my parents and my younger sister. My father is currently a Gym trainer and my mother also runs a bakery business. My younger sister is looking forward to study nursing in Germany. Upon the completion of my course I want to come back and stay with my family and find a suitable job. With my earnings I would like to help my father financially and ease the load off him. I also wanted to help my sister who wishes to study abroad since education is the key to success and also provides his financial needs. I have seen my parents sacrifice their happiness in order to provide for my sister and I. This has been my motivation to come and make enough earnings so I can grant all their wishes and be their support in old-age.

In conclusion, sincerely assure the visa authorities that my pursuit of a Master's degree in Data Science at Technical University Dortmund is driven by genuine passion for this course. . I am eager to immerse myself in the enriching educational experience in Germany, and I am dedicated to becoming a diligent student who will positively contribute to the data science sector upon successful completion of my studies.

Thank you for considering my visa application, and I hope to have the opportunity to study and thrive in Germany.

**Thanking you**

**Rahul Biju kumar Nair**