STATEMENT OF INTENT

I am excited to have the opportunity to write my statement of purpose. Let me introduce myself as **Sai Dikshita, Donthamsetti,** an Indian citizen. In today's modern world, data plays a pivotal role in shaping the actions and decisions we make. As the internet became an integral part of our daily lives, it brought with it a wealth of valuable information. Recognizing its significance, programmers developed techniques to extract, integrate, and analyze this data, leading to valuable insights. This has resulted in an increasing number of businesses and industries seeking the expertise of data scientists. In order to widen my knowledge in the field of data science, I decided to pursue **Master of Science in Data Science program from the Technical University Dortmund**. This program concentrates on Data Science techniques from Computer Science, Mathematics, and Statistics, such as Data Science infrastructure, statistical modelling, and machine learning. Upon completing this program, I will pursue a career in **Data Analytics** as this field will present intellectual challenges and rewarding opportunities in the long term.

Germany, with its rich educational heritage and vibrant culture, is the ideal destination for my higher education aspirations. My academic pursuits are closely aligned with the modernity of education that prevails in this country. It has abundant resources and high-quality teaching standards. State-of-the-art educational infrastructure, practice-based courses, and industry exposure are some of the core factors that make me opt for Germany as my preferred educational destination. By studying in Germany, I will be exposed to various facets of practical learning, which will elevate my learning and will prepare me to deal with the challenges of the outside world. The country's welcoming atmosphere will make me feel at home, ensuring a comfortable stay during my study journey in Germany. A skill and research-based education system is today's priority, and this is something we profoundly find among German universities. All in all, the reasons are unlimited for choosing Germany; however, I have only listed a few important reasons that led me to choose Germany over other destinations.

While searching for the right institute I landed at **Technical University Dortmund** after doing thorough research. Firstly, the curriculum and the flexibility therein which allows students to select courses from a plethora of options. The state-of-the-art facilities and the diverse peer group with students attending from several countries add a new dimension to experiential learning. The courses at this university are taught by highly certified, experienced, and motivated professors who are enthusiastic about not only teaching but also providing students with a practical and satisfying learning experience. Apart from that, the university offers higher industry exposure to keep me informed about the current booming trends in the field. Additionally, the dynamic and diverse community at this university particularly was found to be quite appealing. At this provider, I'll gain an internationally recognized degree that will open doors to an outstanding future. The most striking thing about the university is its well-structured curriculum that gives an insight into the most recent trends and technologies. Thus, these are the reasons for me to choose this education provider.

As talking to my academic background, I completed my **Class 10th from CBSE** in Delhi, India, in March 2019 with a grade of **95% (German Grade: 1.22)** and my Class **12th in March 2021** with a grade of **94.83% (German Grade: 1.23).** I am currently pursuing a **B.Sc. (Honours) in Data Science and Analytics** at Jain Deemed to Be University, Bengaluru, India, since August 2021, expecting to graduate in May 2024. For international studies, English language proficiency is a primary prerequisite. On November 22, 2023, I achieved an overall **score of 8.0 (C1 level)** on the IELTS test, with individual scores of **Listening: 8.5, Reading: 8.0, Speaking: 8.0**, and Writing: 7.0.

Along with my academics, I interned as a **Data Scientist at Affine Analytics Private Limited** in Bengaluru, India. During this internship, I gained practical experience and applied my data science knowledge in a professional setting. I also completed a course in **"Microsoft Power BI"** from LinkedIn Learning. This training has enhanced my skills in data visualization and business intelligence, preparing me for roles in data analysis and reporting. Additionally, I'm proficient in **Database Management, Forecasting, Operations Research, Natural Language Processing, Spreadsheet Modelling, ICT tools, Data Visualization, Machine Learning, Probability theory, Multivariate Analysis, and programming in Python and R, with specific training in Power BI.**

I would be grateful to you if I'm accorded the opportunity to pursue my graduate studies at your institution. Thank you for your time and considering my application.

Regards and Thanks,

Sai Dikshita, Donthamsetti