

Letter of Motivation

Introduction- My name is **Abbrar Saif, Mohammed**, and I am eagerly forward to studying **Master of Science in Data Science** at **TU Dortmund University**. As I have a proper academic background, professional experience, and an active interest in pursuing data science, I wish to enhance my knowledge by joining your noble program.

Academic and Professional Experience- I recently completed my **Bachelor of Engineering in Computer Science and Engineering** from Anna University, Chennai, with a **CGPA of 8.92** (equivalent to a **German grade of 1.81**). During my undergraduate studies, I developed a profound understanding of core subjects such as Data Analytics, Social Network Engineering, Cybersecurity and Ethical Hacking, and the Internet of Things. My academic performance has consistently been above average, with a strong foundation in technical subjects. Before my undergraduate studies, I completed my Senior School Certificate Examination in 2020 with a score of **71% (German grade: 2.29)**, and my All India Secondary School Examination in the year 2018 securing **90.2% (German grade: 1.43)**, which gave me a very good platform for other subsequent studies. Through multiple **internships**, I have accrued practical experience as a **Software Engineer Trainee at Newgen Software Technologies Limited** where I was engaged in software development from requirements to implementation. Splendidly, at **Infra BIM Techno Solutions, as a Full-Stack Data Science Intern**, I enhanced my expertise in Data Preparation, Exploratory Data Analysis, Model Selection, and Evaluation. Also, I worked virtually as an **Intern as a Salesforce Developer for SmartInternz** where my learnings include: Sales Management Fundamentals, Account and User Setup, Flows & Security, Record and Field Relationships, Automation Center, Lightning Web Components, and Setting up Vs Code. I also took an **Android Basics in Kotlin intern with SmartInternz supported by AICTE** in which I developed Android apps in Kotlin programming language and tools. Having the technical certifications, these experiences have given me a good ground in theoretical as well as practical aspects of computer science. Besides, I obtained an **overall band IELTS of 7.0 (CEFR LEVEL- C1)** reflecting my proficiency in the English language.

Why Master of Science in Data Science Program? The **Master of Science in Data Science** offered at **TU Dortmund University** is ideally suited for me in terms of my prior schooling and the career path that I envisage. This course encompasses most of the relevant areas of study including Machine Learning, Big Data as well as Statistical Methods that are fundamental when solving various issues revolving around data. For this reason, the program's emphasis on both, theoretical understanding as well as hands-on experience will help me to become a successful professional in the rapidly growing field of data science. Further, focus on research components in the course will enable me to make positive contributions towards finding new solutions as well as further development of the field. This I feel is a chance to work on multiple projects, cross-disciplinary, and therefore get to work with many scientists from various fields, which will help me sharpen my problem-solving skills. The industry focus of the program will also enable me to get networking opportunities that will help me to get a job in the competitive world. In the end, this course will help me become a professional data scientist so that I can make positive changes through the proper usage of data in my career.

Why Germany? Hence, pursuing my higher education in **Germany** is more appropriate due to the quality education system, research facilities, and focus given to education. The general population is highly educated and the country boasts of an increasingly developing economy and well-developed technology that fosters academic and career development. **Germany's** universities boast high levels of education with pretty strict academic programs, thus preparing their students at the highest level. Besides, unlike other countries, **Germany** has a multicultural population density that makes it possible to learn and share ideas with students from various parts of the world. Due to developed connections with industry, the country is perfect for internships and practical experiences in technology and engineering fields after using theory in such a country. In addition, **Germany's** focus on sustainability and innovation is a good fit for my personal values and career objectives.

Why TU Dortmund? I believe that **TU Dortmund University** will be the perfect fit for me owing to the following reasons: great reputation and, a focus on data science and research. The infrastructure and other amenities of the university; have superior computing systems and other equipment that shall enable me to achieve my dream. Expert professors at **TU Dortmund University** have great experience and assisted in the development of the program; thus, they will provide significant assistance and leadership. Cross-disciplinary setup of the university garners interdisciplinary together working collaborations, which would allow me to contribute to advanced projects and foster innovative creativity. Also, it will help me gain practical experience at internship places which is easily available in **TU Dortmund** due to its close affiliation to industrial sectors.

Conclusion- I am sure that a **Master of Science in Data Science** degree at **TU Dortmund University** will be a good stride towards my career objectives. I would also like to enter the academic environment of **TU Dortmund University** and make proper use of the opportunities unique to this university. I am looking forward to the chance to become part of and progress with your esteemed institution.

Sincerely,

Abbrar Saif, Mohammed