# Letter of Motivation

**Introduction-** My name is **Abbrar Saif, Mohammed** and I am highly eager to pursue a degree of **Master of Science in Applied Data Science** offered by the **University of Göttingen**. Having acquired a sound academic background in Computer Science and Engineering coupled with appropriate experiences in the Computer Science field, I wish to increase my understanding and expand my knowledge of data sciences to be in a position to make a positive contribution.

**Academic and Professional Experience-** I have completed my **Bachelor of Engineering in Computer Science and Engineering** from Anna University, Chennai, securing an impressive **CGPA** of **8.92 (German grade - 1.81**). My academic journey was enriched with courses such as Data Analytics, Cyber Security and Ethical Hacking, Social Network Engineering, and the Internet of Things, which have laid a strong foundation for my pursuit of data science. 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 Andriod apps in Kotline 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 Applied Data Science?** This **M.Sc. in Applied Data Science** offered by the **University of Göttingen** fits me well in terms of prior knowledge and further career plans. This choice of course's subject matter: mathematics, computer science, and statistics will enable me to process and analyze large sets of complicated data from any realm. I have a special interest in fields of application like Bioinformatics and Medical Data Science where students can specialize in areas with very high demands in the market. The program focuses heavily on the scientific method, its inherent issues, and its application to real-life situations to ensure that I am ready to be a responsible data scientist, whenever the chance arises. Besides, the opportunity of internships and cooperation with business partners will contribute to the practical experience as well as skills that improve the qualifications. For this kind of work, I would like to apply a solid background in state-of-the-art data science methodologies in such areas as healthcare, finance, and digital business. For the graduates the prospects are very bright, one can get a job quickly with IT and research organizations and many of them can even choose to go for a PhD or become IT entrepreneurs.

**Why Germany? Germany** receives a lot of attention for its high-standard education system and also hosts some of the best universities in the world. The emphasis placed on research and innovation is especially beneficial in a country when deciding to undertake a Master's degree in a specialized technical area such as data science. **Germany's** diversified and strong economy especially in the fields of technology and engineering presents far-reaching prospects for internship, research, and employment after completion of the university. Germany is a multicultural society and this observing an ability for students from different cultural backgrounds to learn in the society. Also, the cost of tuition and access to scholarships are low making Germany a preferred study destination for many an international student.

**Why The University of Göttingen?** It is one of the premier universities in Germany and has a tagline of 'The University of Ideas and Innovation research-oriented academic education'. **The Applied Data Science** program at **Göttingen** is even more appealing because of it brings an interdisciplinary section where data science is applied to natural sciences, humanities, and social sciences. Available resources and technologies include facilities, technologies, and connections with other prestigious research Universities & institutions. Thus having an opportunity to join **Göttingen** as a member of the academic community to contribute to its innovative atmosphere and the development of critical thinking as a person and in the course of my career. There is a great emphasis on cooperation with industry partners and research institutions which provides great opportunities to gain practical experience and to expand the network. Moreover, there is an active student population and service facilities available in the university so there is no compromise with the fulfilling academic experience.

**Conclusion-** All in all, I am sure that after graduating with a **Master of Science** in **Applied Data Science** at the **University of Göttingen**, I will equip myself with applicable knowledge and opportunities to challenge the data science industry. I want to be a productive part of the academic society of the university and will strive to realize the opportunity that will be provided by the framework of the **University of Gottingen**. Thank you for considering my application.

**Regards,**

**Abbrar Saif, Mohammed**