**Letter of Motivation**

My name is **Shikha Sanjaye**, I am from India. With due reverence to the Department and the University, I would like to pen down a motivation letter for application in the **Master in Data Science at The Friedrich Alexander Universität, Erlangen - Nuremberg**. Below is my details in brief:

**I completed my Bachelor of Science in Information Technology from The University of Mumbai, where I scored 8.45 CGPA (German Grade: 1.78).** Also, I am good at some **technical skills** like Java, Basic Excel Knowledge, Python, C, and C++. All of my previous education has been completed in the English language, I **appeared for the IELTS test** also to get more proficiency in this language, where **I gained an overall score of 7.0** **Including Speaking: 7.5, Reading: 7.0, Listening: 7.0, and Writing: 6.5.**

In this modern and Data-driven world, it is very important to have the ability to analyze and interpret a large amount of data. My Bachelor's degree in artificial intelligence has made me realize the transformative ability of data and its impact in various industries. As I have a basic understanding of this field. Now, I wish to delve deeper into this field to gain extensive knowledge. We can see the Increasing data volumes, and how data helps in decision making so we can say that the future of this field is promising and dynamic. These are some prime aspects of choosing this field for my master's.

Pursuing a Master of Science degree in Data Science was motivated by my passion of turning unprocessed data into practical insights that can inspire invention and decision-making. The fact that this program gives me the chance to explore advanced statistical techniques, machine learning algorithms, and big data technologies really fits my professional objectives. Data mining, predictive analytics, and data visualization tools including Tableau and Power BI will present me with chances to learn knowledge and skills in these areas. Things that really excite me are learning how to work with big datasets, improving my programming skills in Python and R, and mastering the utilization of modern technologies like Hadoop and Spark. Having this technological expertise will help me to solve challenging data problems and significantly contribute to ongoing field-based projects.

Friedrich Alexander Universität, Erlangen-Nuremberg appealed to me for my master's degree because of its strong focus on multidisciplinary research and stellar innovation and technological renown. The curriculum of the institution is meant to combine academic knowledge with practical application, which exactly fits my wish to have hands-on experience in my profession. Furthermore, the university's partnerships with research centers and business leaders present unmatched chances for professional growth and networking. The university's dedication to provide a varied and inclusive academic atmosphere really speaks to me as well since I think it will enhance my educational process. The active student body and the university's encouragement of overseas students persuaded me even more that Friedrich Alexander Universität is the best place for me to progress my study and career.

I decided to study in **Germany** as the country has preserved its dominance in the technological ambit for decades. This potential undoubtedly stems from the high quality of education the country offers. I am hopeful of joining a world-class company as a trainee in conjunction with my education. It is also reassuring that the nation has a fair share of the international student ratio. I believe this will help to broaden my perspective of the world. A globally recognized degree after graduating from Germany would also lead to higher job prospects in the international marketplace. Germany also has a diverse cultural atmosphere that proves favorable for foreign education. These were the rationales that convinced me of this decision.

I would like to request you to accept my application and give me a chance to be a part of your institution.

**Sincerely,**

**Shikha Sanjaye**