**STATEMENT OF PURPOSE**

I am **Ayush Kumar Singh**, a recent **Bachelor of Science in Data Science** graduate of Symbiosis Skills and Professional University in Pune, India. Having a CGPA of 8.9810, I built a strong basis in disciplines including Data Structures and Algorithms, R Programming, Data Mining, and Artificial Intelligence along my academic path. Practical experiences and internships, where I put my knowledge to use in real-world situations—including a position as a Data Science **Intern at NISA Industrial Services Pvt. LTD.**—added to my education. Here I established a task manager WhatsApp bot, implemented security checkpoint algorithms, and offered important data analysis-based insights. These encounters have inspired me to seek advanced education in data science and stoked my love of this discipline.

Apart from my educational background, I also have useful professional experience as a **Python Engineer at PriceLabs Revenue Solutions Private Limited**, where I developed and maintained thorough Dash apps, controlled frontend and backend functionalities, and generated custom automated scripts for significant accounts. Before this, I oversaw the internal analytics team and greatly lowered the average first response time of **Zemploy India Private Limited** by using data-driven dashboards, therefore acting **as a Product Specialist**. These positions have sharpened my technical Python, R, SQL, and various data visualization tools skills as well as my capacity to solve challenging challenges and provide professional contextually significant answers.

**Germany** is the perfect place for my advanced studies given its strong educational system and stellar technological and innovative reputation. Supported by world-class facilities and a strong industrial base, the nation's focus on research and development offers an unmatched setting for intellectual and professional development. Furthermore, Germany's varied and welcoming culture provides a wonderful educational opportunity for students like me to interact with a worldwide network of academics and businesspeople. Apart from giving me access to modern knowledge and technologies, the chance to study in Germany will fully submerge me in an innovative, precise, efficient culture. Being exposed to Germany's academic rigor and industry scene would definitely help me grow as a data science professional since it will provide the tools and insights required to shine on a worldwide scene.  
  
Pursuing my Master's in Applied Data Science, **the University of Göttingen** appeals especially to me because of its great focus on research and multidisciplinary study. The university's dedication to encouraging creativity and its cooperation with eminent research facilities create a special setting whereby scholarly knowledge meets useful application. Designed to combine theoretical underpinnings with practical experience, the curriculum exactly matches my learning goals. The university's active academic community and emphasis on international cooperation also make it a perfect venue for both career and personal development. The modern facilities and access to a network of industry specialists at the University of Göttingen will help me to enhance my knowledge in data science and equip me for the difficulties of a fast developing discipline.

Leading technological development in the field of Applied Data Science drives ideas in many different sectors. My goal to use data to create intelligent systems capable of solving challenging, real-world problems drives my decision to seek a Master's in Applied Data Science. With extensive understanding in fields such machine learning, big data analytics, and predictive modeling this degree will equip me with the ability to translate unprocessed data into actionable insights. Working with innovative technologies and approaches such Python, TensorFlow, and Tableau—which will enable me to create solid data-driven solutions—excites me especially. The program's concentration on practical applications and strong research focus will enable me to develop the abilities required to innovate in the field of data science and significantly contribute to both academia and industry.

After earning my Master's degree, I hope to work at the nexus of artificial intelligence and data science so that I may help to create intelligent systems fostering efficiency and creativity in many different fields. Long term, I want to oversee initiatives using data science to address challenging issues, especially in fields including predictive analytics and AI-driven decision-making. The Master's program at the University of Göttingen will, I am sure, give me the technical knowledge, research experience, and worldwide viewpoint required to reach these aims. Along with improving my job possibilities, the information and abilities I pick will help me to significantly influence the field of data science. Starting this academic path excites me, and I am looking forward to add to the active intellectual community at the University of Göttingen.

**Thank you for considering my application.**

**Ayush Kumar Singh**