

NAME: Abin Raju

COLLEGE: Dublin Business School

PROGRAM: MSc in Data Analytics

STATEMENT OF PURPOSE

INTRODUCTION

Data analytics has consistently played a pivotal role in turning raw data into actionable insights but its importance has increased exponentially. From the early stages of statistical analysis to today's era in big data and machine learning analytics have been crucial to driving decision-making and innovation across various industries. Data analytics combine technology with critical thinking to unlock patterns trends and predictions. It improves the effectiveness efficiency and competitiveness of businesses and organizations for future growth. It's wide-reaching applications make it particularly attractive for me as a student.

A master's in Data Analytics offers the advantage of gaining skills in extracting insights from complex data sets and making data-driven decisions which are critical in today's world. Additionally the Institute offers diverse career opportunities in the research industry and regulatory sectors, addressing the growth demand for experts in data analysis machine learning and predictive modeling. This field combines statistical knowledge with cutting-edge technology to drive innovation and efficiency across various domains which makes it especially attractive as a student.

FAMILY AND ACADEMIC BACKGROUND

My name is Abin Raju. I am an Indian citizen from Alappuzha in Kerala. I come from a supportive family of seven members, whose encouragement has been instrumental in my decision to pursue higher education abroad. My father worked as a supervisor at La Casta Pasta, one of the largest food chains in Saudi Arabia and my mother also works as a nurse in Saudi Arabia. I have an elder brother who is currently pursuing ACCA and a younger brother in 8th grade. My grandparents are currently enjoying their retirement after years of hard work. I cherish my family very dearly and cherish their support and guidance as pillars of strength in me. As an unmarried individual, I do not have relatives residing in Ireland.

During my early academic years, I spent 3rd and 4th grades in Saudi Arabia with my family and returned to India for 5th grade to be closer to my grandparents. In 2018 I achieved a 76% at my 10th-grade examinations from Fr Thomas Porukara Central School in Alappuzha. By 2020 I had completed my 12th grade successfully with an 86% at the Mary Mount Public School in Kottayam. Both institutions are affiliated with Central Board of Secondary Education.

Throughout my academic journey I have consistently demonstrated dedication and maintained an impressive academic record. After completing my higher secondary studies I pursued a Bachelor of Technology in Computer Science at Lourde Matha College Of Science and Technology Trivandrum affiliated with Kerala Technological University. I achieved an overall score of 75%. While I encountered challenges during some semesters resulting in a few D grades, these were primarily due to the transition to online classes caused by the COVID -19 pandemic and the reliance on guest lecturers. Despite these hurdles, I remained resilient and committed to my studies.

I was honored on May 11, 2022, with the second Prize in Code Fiesta 2022 - a coding competition organized by the department of computer science and engineering in collaboration with the ISTE Student Chapter as part. In addition during my college years, I successfully completed the foundational level of data science and programming from IIT Madras.

IELTS DETAILS

Candidate Number: Z5965457

Type: Academic

Date of Issue: 06/09/2024

Scores for all modules: Overall 7.5

Listening: 8.5

Reading: 7.5

Writing: 6.5

Speaking: 7.0

Given the language proficiency requirements set by Dublin Business School, I can confidently affirm that my linguistic skills fully align with these standards, ensuring a seamless adaptation to the program without encountering any communication barriers.

WHY DATA ANALYTICS?

The demand for data analysts is experiencing significant growth in India due to the rising importance of data-driven decisions across various industries. Data analysts in India are expected to see competitive remuneration with entry-level analysts earning between 2.5 lakhs and 5 lakh per annum and experienced analysts earning 8 lakhs to 15 lakh per annum. The industry benefits from their expertise in risk management and investment strategies. As demand for skilled data analysts grows, professionals can look forward to abundant opportunities in this emerging market driven by advances in AI and machine learning.

During my bachelor's degree in Computer Science, I was able to learn various topics like Python, Data Science, Web Development and earn basic knowledge relevant to the IT industry. Through my previous education, though limited, I got some practical knowledge while doing a project on the topic, "Stock Market Prediction Using LSTM". But due to the insufficient computer facilities, I lack industry skills and enough practical knowledge which are required for job roles like Data Analyst, Data Scientist and Web developer. Thus, I realized the requirement of adding a Master's degree to my qualification through an apt program through which I can gain adequate skills for my desired career goal.

My searches on a regional level for an apt program did not satisfy me because of the outdated curriculum followed by most of the Indian institutions, and thus I expanded my search on an international level and my subsequent searches landed on **M.Sc.** in Data Analytics offered by Dublin Business School. Internationally qualified Indian data analysts have a distinct advantage in the Indian job market due to their global exposure and diverse skill sets. Their expertise is sought after across industries such as IT finances, healthcare retail and e-commerce. These professionals bring international best practices and advanced techniques, making them invaluable assets for Indian companies. The job opportunities for such analysts are abundant and lucrative, offering a promising career path in India.

I have decided to enroll in the program which boasts a globally recognized industry-relevant and up-to-date curriculum. The course modules include Programming for Data Analysis, Processing and Visualization, Statistics for Data Analytics, Data Storage Solutions for Data Analytics, Data Mining, Machine Learning, Applied Research Process for Data Analytics, and Data Visualization.

By successfully completing this program, I aim to gain the necessary skills to apply for my dream roles such as Data Analyst, Data Scientist, and Web Developer in reputed firms like Google, Amazon, Microsoft, and IBM. This qualification will help me earn a competitive salary of 30L INR per annum and advance my career in the tech industry. Thus, my decision to pursue a Master's degree in Data Analytics at Dublin Business School is highly relevant and beneficial for my career aspirations.

WHY DUBLIN BUSINESS SCHOOL?

However, I am confident that pursuing a master's degree at Dublin Business School will open promising career opportunities for me. The institute stood out as one of Ireland's top universities in data analytics. It is known for its exceptional faculty, innovative facilities and amenities. Completing my master's program here will certainly equip me with the knowledge and skills necessary to achieve your career aspirations. What interests me most is the college's educational approach that seamlessly integrates theory with practical learning. Through guest lectures and networking with the institutes' industry partners, I will gain a broader understanding of the corporate world. After taking a closer look at things like teaching programs, libraries, training methods and curriculum structure, I firmly believe that Dublin Business School is the right fit for my academic and professional development.

WHY STUDY IN IRELAND, NOT INDIA?

After extensive research and careful consideration, I have decided that Ireland is the ideal place to pursue my academic and career goals. Firstly, Ireland offers a world-class education system known for its high academic standards, research excellence, and global recognition. By studying in Ireland, I can access top-notch facilities, expert faculty, and cutting-edge research opportunities that may not be readily available in India. I am looking forward to starting a postgraduate course at a prestigious Irish college. My main goal is to broaden my horizons by participating in international experiences. Ireland is widely regarded as a center for technology and innovation making it an ideal location to study data analytics and conducting research. Ireland hosts numerous top technology firms and data focused organizations, providing ample training opportunities. Moreover, engaging with students from various backgrounds and cultures will enhance my teaching journey and provide me with a broader global view. This is important in data science, where data often crosses international borders. Most importantly, Ireland offers a range of scholarships and financial aid, enabling international students like me to access higher education, with minimal financial burden. I therefore firmly believe that Ireland is an exciting and promising destination for my academic journey in Data Analytics.

FUTURE PLANS AND MOTIVATION

After the successful completion of M.Sc. in Data Analytics from Dublin Business School, I am going to receive a great deal of international exposure during my eligible stay back period of 2 years in Ireland which will help me to gain industry relevant skills such as Data Storage Solutions for Data Analytics, Data Mining, Machine Learning, Programming for Data Analysis, Processing and Visualization, Statistics for Data Analytics. These skills combined with a master's degree from Ireland will definitely help me to attain my professional goal in India later.

I have decided to move to Ireland solely for academic aspirations and an intense desire to improve my technical skills. After completing my studies I look forward to applying my acquired knowledge and expertise in Indian companies while also being closer with family. I am fully committed to full compliance with all rules and guidelines set forth by the authorities for international students during my stay in Ireland. I will strictly follow these regulations and refrain from any actions that may compromise my status as international student.