

E&ICT Academy, IIT Guwahati launches Data Analytics & Generative AI Program with Simplilearn to prepare for growing \$4.4 trillion market demand by 2030

- *The program covers key tools and concepts like Excel, SQL, programming fundamentals, mathematical and statistical computing, data visualization with Tableau, generative AI, prompt engineering and more.*
- *Includes 25+ projects and 3 capstones, leading to certificates from E&ICT Academy, IIT Guwahati, IBM, and Simplilearn, enhancing career prospects in data analytics and generative AI*
- *The program mandates a bachelor's degree with a minimum average score of 50%. While prior work experience is encouraged, it is not required, and no prior knowledge of coding or technology is necessary.*

Bangalore, 16 July 2024: IIT Guwahati, one of the renowned Indian universities, announced the launch of a specialized [Professional Certificate Program in Data Analytics & Generative AI](#) in collaboration with the world's leading online bootcamp provider for digital skills, Simplilearn. The E&ICT Academy, IIT Guwahati designed this innovative program to meet the increasing demand for skilled professionals in data analytics and emerging technologies across industries worldwide. Recognized as one of the top engineering schools in India, IIT Guwahati consistently maintained a top 7 ranking in the Engineering category of the NIRF rankings from 2019 to 2023 and is positioned among the world's best universities for the study of Data Science by the QS World University Rankings.

By 2030, the big data and analytics market is expected to reach \$4.4 trillion, highlighting a significant growth from today's \$665.7 billion. At the same time, the generative AI market is estimated to grow rapidly to \$667.9 billion, increasing by 47.5% annually. This growth showcases the expanding opportunities in data analytics, which is anticipated to maintain a CAGR of 27.6% from 2023 to 2030. In India, data analytics professionals earn an average annual salary of ₹9,57,470, reflecting the importance and value of skilled professionals in this rapidly evolving field.

Learners of the program will benefit from a comprehensive curriculum delivered through live online classes by industry experts and interactive masterclasses by IIT Guwahati faculty and IBM experts. The program features over 25 hands-on projects, a campus immersion experience at IIT Guwahati, exclusive hackathons, and ask-me-anything sessions hosted by IBM. Additionally, participants will be able to earn an 'Executive Alumni Status' from the E&ICT Academy, IIT Guwahati and benefit from Simplilearn's JobAssist service, which will help them get noticed by top hiring companies.

Ideal candidates should possess a bachelor's degree with an average of 50% or higher marks. While prior work experience is encouraged, it is not mandatory. Additionally, applicants do not need prior coding experience or specific technology know-how to apply for the program. The application process is designed to accommodate individuals from diverse educational and professional backgrounds, aiming to equip them with essential skills in data analytics and generative AI.

Upon program completion, participants will receive certificates from the E&ICT Academy, IIT Guwahati, and IBM for specific courses and Simplilearn for individual modules completed, enhancing their credibility and expertise in the field.

Speaking about the program, **Mr. Anand Narayanan, Chief Product Officer of Simplilearn**, said, "*The job market is witnessing a significant surge in demand for professionals skilled in data analytics and AI. According to McKinsey, the requirement for skilled professionals in these fields is increasing by 50% annually, highlighting the critical need for qualified talent. At Simplilearn, in collaboration with the E&ICT Academy, IIT Guwahati, we are proud to introduce the Professional Certificate Program in*

Data Analytics & Generative AI. This transformative program will equip learners with essential skills in data analytics and generative AI, empowering them to excel in a data-driven world."

Regarding the partnership with Simplilearn, Gaurav Trivedi, Principal Investigator of E&ICT Academy IIT Guwahati said, *"We are excited about our collaboration with Simplilearn to launch this specialized Professional Certificate Program in Data Analytics & Generative AI. This initiative shows our commitment to addressing the escalating demand for skilled professionals in global data analytics and emerging technologies. As industries increasingly rely on data-driven insights and generative AI advancements, this program equips learners with the critical skills needed to excel in these dynamic fields. It reflects our mission to empower individuals from diverse backgrounds to cultivate innovation and excellence in the digital economy."*

About Simplilearn

Founded in 2010 and based in San Francisco, California, and Bangalore, India, Simplilearn, a Blackstone portfolio company, is the world's #1 online Bootcamp for digital economy skills training. Simplilearn offers individuals and businesses worldwide access to world-class work-ready training. The Bootcamps are designed and delivered with world-renowned universities, top corporations, and leading industry bodies via live online classes featuring top industry practitioners, sought-after trainers, and global leaders. From college students and early career professionals to managers, executives, small businesses, large corporations, and governments, Simplilearn's role-based, skill-focused, industry-recognized, and globally relevant training programs are ideal upskilling solutions for diverse career or/and business goals.

For more information, please visit www.simplilearn.com

About E&ICT Academy, IIT Guwahati

The Electronics & ICT Academy, IIT Guwahati, established under the Ministry of Electronics & Information Technology, aims to enhance the skills of faculty members in engineering and non-engineering disciplines. Since its inception in March 2015 and inauguration by Prime Minister Narendra Modi in January 2016, the academy has conducted over 400 programs across northeastern and other states of India. The academy offers specialized modules and hands-on sessions tailored to current trends in electronics, ICT applications, and emerging technologies like data science, AI & machine learning, cloud computing, and more.

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