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M1 Data Science

ANDREW NG

Andrew Ng is a British-American computer scientist and technology entrepreneur specializing in machine learning and artificial intelligence (AI). He is widely recognized as a pioneer in the field and is known for founding DeepLearning.AI and co-founding Coursera, an online learning platform that has revolutionized education.

In 1997, Ng earned a Bachelor's degree with a triple major in computer science, statistics, and economics. He continued his studies with a Master's degree from the Massachusetts Institute of Technology (MIT) in 1998 and later completed a Ph.D. in computer science at the University of California, Berkeley.

Ng began his academic career at Stanford University in 2002 as an assistant professor, eventually becoming an associate professor. During his tenure, he led the Stanford Artificial Intelligence Laboratory (SAIL), where he focused on groundbreaking research in big data, machine learning, and data mining.

In 2011, he joined Google Brain, leading a research team focused on advancing deep learning systems. Ng and his team developed algorithms capable of recognizing images autonomously, including the famous case of teaching a system to identify cats in YouTube videos. This achievement marked a significant breakthrough in unsupervised learning.

Beyond research, Ng has been a passionate advocate for democratizing AI. In 2012, he co-founded Coursera, offering free online courses accessible to learners worldwide. His machine learning course has reached millions, becoming a foundational resource for teaching data science and AI.

From 2014 to 2017, Ng served as Chief Scientist at Baidu, where he led one of the largest AI teams in the world. Under his leadership, Baidu achieved major advancements in technologies such as speech and facial recognition. In 2017, he founded DeepLearning.AI, which provides a highly popular online specialization in deep learning, and later launched Landing AI, a company focused on applying AI solutions to industries like manufacturing.

Recognized globally for his contributions, Ng has been featured on *Time* magazine's list of the 100 most influential people twice, in 2013 and 2023. His work continues to drive innovation and inspire the next generation of AI leaders.