

ARTIFICIAL INTELLIGENCE & DATA SCIENCE

ICTC eLearning accelerates your digital career with self-paced courses in cybersecurity, data science, AI, and digital fundamentals, supported by dedicated facilitators who guide you throughout your learning journey. This comprehensive program provides essential technical and career skills training for in-demand digital infrastructure roles.

Course #	Course Name & Duration	Languages offered	Official Cisco Course Overview
Course 1	Introduction to Modern AI (6 hours)	EN and FR	This interactive course covers the basics of AI through free AI-enabled apps. Topics include the basics of computer vision, machine translation, and chatbots. Students learn how chatbots work, gain tips for writing better prompts, and explore ways to apply chatbots for personal use and productivity.
Course 2	Introduction to Data Science (6 hours)	EN and FR	This introductory course takes learners inside the world of data science. They will learn the basics of data science, data analytics, and data engineering to better understand how machine learning is shaping the future of business, healthcare, education, and more.
Course 3	Python Essentials 1 (30 hours)	EN	This course teaches in-demand skills, including how to design, develop, and improve computer programs using Python.
Course 4	Data Science Essentials with Python (40 hours)	EN	Data Science Essentials with Python is a fully interactive, project-based introduction to the data-science workflow. Learners move from writing their first Python statements to cleaning, analyzing, visualizing, and storytelling with real-world datasets, using industry-standard tools such as Pandas and Matplotlib across six themed chapters and dozens of hands-on projects.