AI Basics for Engineers and Scientists

Artificial intelligence (AI) and machine learning (ML) are transforming the world of science and engineering. But how can you harness the power of these technologies to solve complex problems and generate high-quality outputs? In this short course, you will learn the basics of AI, ML, and large language models (LLMs) such as GPT. You will also learn how to prompt GPT effectively to obtain relevant and accurate results, and how to evaluate the ethical implications of using these tools. This course is designed for engineers and scientists who want to gain a practical understanding of AI, ML, and LLMs, and apply them to their own domains. Course provides 4 professional development hours (PDH) - 3 technical, 1 ethics.

Introduction to AI, LLMs, and ML

Benefits of AI and LLMs for Engineering and Science Companies

Ethics Related to the Use of AI in Engineering

How to Prompt GPT to Generate Helpful Output

Friday, Sept. 15

7:30am-12:30pm

Surbeck Center, South Dakota Mines Campus

Cost: $250 per person

Register Today!

SCAN ME

SOUTH DAKOTA MINES
Office for Professional Education