AI Foundations: Building blocks to successful AI Solutions

Overview

As organizations are preparing with excitement for a world of pervasive Artificial Intelligence, it quickly becomes very clear that the implementation of AI solutions is a whole new world. It requires new skills, new roles, new technologies and new processes. Even those that have been on the road to AI for some time, still experience pain points at different stages of their AI journey.

Some of the most common struggles are:

- understanding AI technological capabilities
- prioritizing AI projects and allocating resources to the right projects
- updating data collection and governance strategies for AI
- developing the organizational culture change needed to support and nurture AI projects
- managing AI models in production
- implementing the orchestration needed between the business side and the technical side in a world in which processes are iterative and focused on experimentation

As a pioneer provider and implementer of Data and AI technologies, our IBM Data and AI Expert Learning team will enable you to build the requisite skills in your organization through our AI Foundations: Building blocks to successful AI Solutions course.

The lack of AI skills is the #1 barrier to AI adoption. And the skills needed are not just centered on the technology to implement AI solutions. To help our clients through these challenges, we built a 2-day course: AI Foundations: Building blocks to successful AI Solutions. This course targets those that are early in their AI Journey. It is delivered Face to Face – at an IBM facility or at the client's site - by an experienced AI practitioner. Clients can have up to 30 people in the course and we suggest a mix of business and technical participants.

Course Description

Bring your business and technical leaders together to build the foundations of implementing AI in your organization. This 2-day live interactive experience brings together stakeholders from across an organization to learn about Artificial Intelligence and what it takes to build an end-to-end enterprise AI solution. The course will take the students on a hands-on, multidisciplinary learning journey.

First, students will become familiar with foundational knowledge and concrete examples of AI capabilities. Then, the theoretical framework and hands-on exercises will focus on leveraging Design Thinking to solve a business case with AI. There will be special emphasis on providing all stakeholders from different roles in the organization with an opportunity to come together as a team and work through the orchestration required to analyze, prioritize, develop, and implement an AI application.

The experience will enable participants to gain insights about the best practices, success factors, and considerations needed for the successful use of AI to address business goals.

AUDIENCE

This course targets organizations that are at the very beginning of the AI adoption journey, who want to engage stakeholders in the creation of an "End-to-End Enterprise AI" culture that will help ensure successful implementation of AI projects.

This session is designed to bring together people that are/ will be involved in making decisions and working directly in the implementation of AI projects in the organization. For the most robust learning experience, the course participants should be a mix of business and technical leaders.

PREREQUISITES

A strong interest in Artificial Intelligence and how to leverage it for business benefit.

LEARNING GOALS

After completion of this course, participants will be able to:

1. Describe what Artificial Intelligence is and isn't
2. Recognize AI capabilities and how they address business needs
3. Have a shared vocabulary about AI across roles in the organization
4. Formulate a high-level strategy for implementing an AI solution, including ethics, bias, culture, technology and people factors
5. Leverage Design Thinking as a relevant framework that focuses on a business goal while ensuring successful orchestration of business and technical stakeholders in the organization
6. Evaluate potential business scenarios that would benefit from AI capabilities