



TRAINING OFFERING

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IBM watsonx.ai with RAG and LangChain

CODE: W7S171G **LENGTH:** 7.04 Hours **PRICE:** £200.00

Description

In this course, you learn how watsonx.ai might help you to put AI to work in your business. You explore the foundation models supported in watsonx.ai and improve your prompt engineering skills. You experiment with prompt tuning and seek to understand when to use it over prompt engineering. You explore the LangChain framework that helps you build AI applications based on foundation models. Lastly, you solve several use cases, such as RAG (Retrieval Augmented Generation) and summarization. The course has a large practical component with hands-on exercises on prompt engineering, prompt tuning, and the solving of several use cases with the tools and techniques described in this course.

Objectives

After completing this course, you should be able to:

- Differentiate between the various foundation models available in the Prompt Lab.
- Demonstrate the benefits of prompt tuning over prompt engineering.
- Describe the Retrieval Augmented Generation (RAG) architecture and use case.
- Implement Jupyter Notebooks with Python code calling the Watson Machine Learning API to solve Generative AI problems.
- Experiment with the LangChain framework.
- Solve RAG, classification and text generation use cases.

Audience

This course is intended for Data Scientists, AI Specialists, watsonx Specialists, Solution Architects, or anyone interested in gaining basic knowledge of foundation models and generative AI with IBM watsonx.

Prerequisites

None

Programme

- Introduction
- Foundation Models
- Prompt Engineering versus Prompt Tuning
- Retrieval Augmented Generation (RAG)
- The LangChain Framework
- Review and Evaluation

Session Dates

Date	Location	Time Zone	Language	Type	Guaranteed	PRICE
04 Jul 2024			English	Self Paced Training		£200.00

Additional Information

This training is also available as onsite training. Please contact us to find out more.