

## Assignment: Gen AI development - APIs and IBM Watsonx

**Submit your answer to assignment tasks 1 and 2 as one pdf file.**

### 1. Chat GPT (LLM in general) AI development

Watch Taulli's Generative AI for Developers Module 2 'How Chat GPT works'. Answer then questions: *How can you optimize costs and performance of AI API-based solution? What other options there are for generative AI development than Open AI?* You may also use additional sources. The answer's length is max one page.

### 2. Example of AI development platform (IBM)

IBM Watsonx provides a similar kind of AI development platform as Microsoft Azure ML, Google Vertex AI or AWS SageMaker&Bedrock.

You will have an email invitation to join IBM Watsonx. Once you have signed in you should make two Watsonx Quick Tutorials:

- 1) <https://www.ibm.com/docs/en/watsonx/saas?topic=ai-prompt-foundation-model-prompt-lab>
- 2) <https://www.ibm.com/docs/en/watsonx/saas?topic=ai-prompt-foundation-model-by-using-rag>

Add screenshots of your quick tutorial tasks to your assignment answer file. If you have had problems or issues during your tasks describe also these issues to your answer.

