A5 alternate: Demo of an AI application that entails two different instances of AI tasks

This assignment can be done in teams of two students. In this case, one member submits the assignment and includes information at the top of the submission about the collaborator.

What does it mean to entailing two different instances of AI tasks
This demo is to have two functionalities for its users in the same application. The two AI tasks can be executed with one or two AI methods. For example, when using more than one AI method, it could be one classification task with neural networks and one question answer with LLMs. When the same AI method is used, then make sure the AI task is different or the data is different. The value to a user or organization is to be described in terms of the combination of the tasks.

Questions to answer about your AI demo:
Make sure you repeat the questions below before presenting your answer. Be objective and precise. Do not add any information that is not asked.

1. Value: describe the value to potential users and organization.
2. Data or knowledge source: What is the data, knowledge or both that you used for this demo? Please provide links to selected sources or describe the method you utilized to acquire or synthesize data or knowledge.
3. AI complex task and AI method: indicate the two AI tasks and the two AI methods in your application demo in the following form: The first AI task is_____ and the AI method is _____; the second AI task is _____ and the AI method is_____. Provide source library and a link to your code with required instructions to run it.
4. Provide a set of at least two examples of inputs and outputs using your application by describing the two AI tasks in each. Make sure you provide a meaningful input.
5. Testing and evaluation: Provide the metric description and formula, the result, and the number of instances used for the two AI tasks.