Appendix A

The Watsonx Prototype

This Appendix section provides a visual for the prototype; as well as serving as a guide.

A.1 Watsonx.ai Models

We can select a user project and model for inferencing as shown in Figure A.1. We can also view information about the model here.
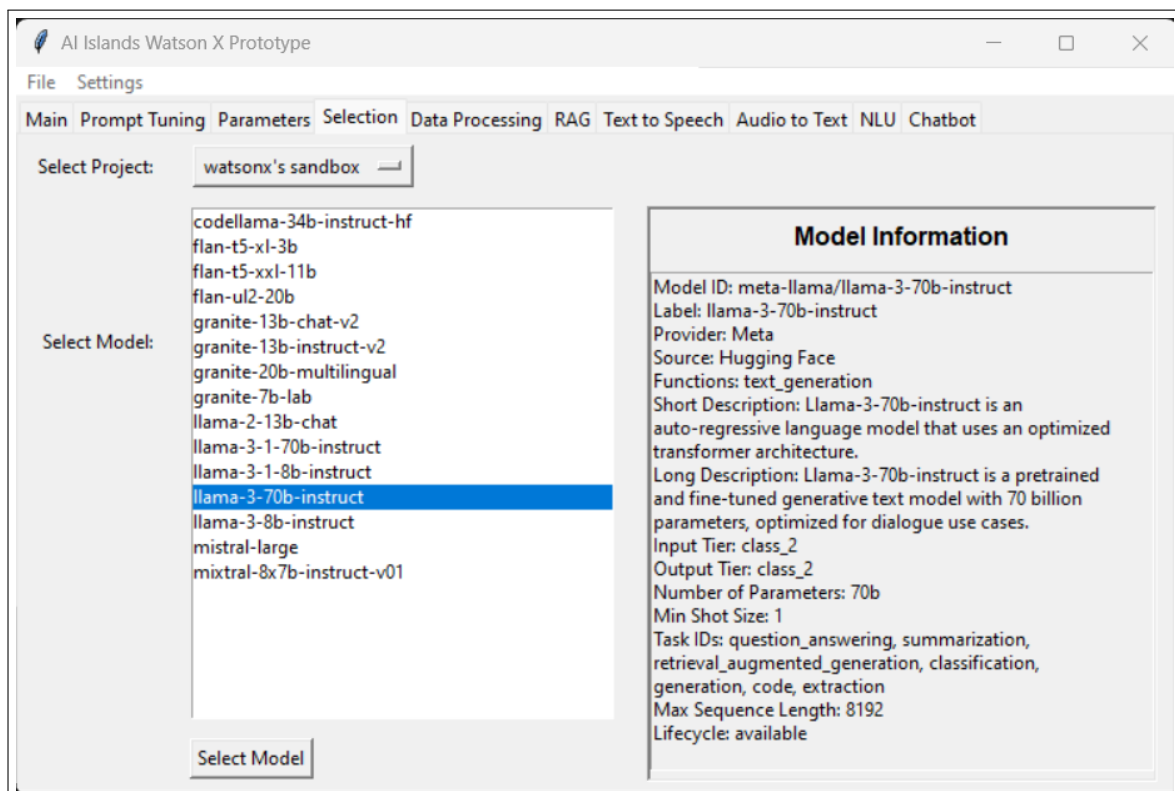

Figure A.1: The Watsonx Prototype - Model Selector

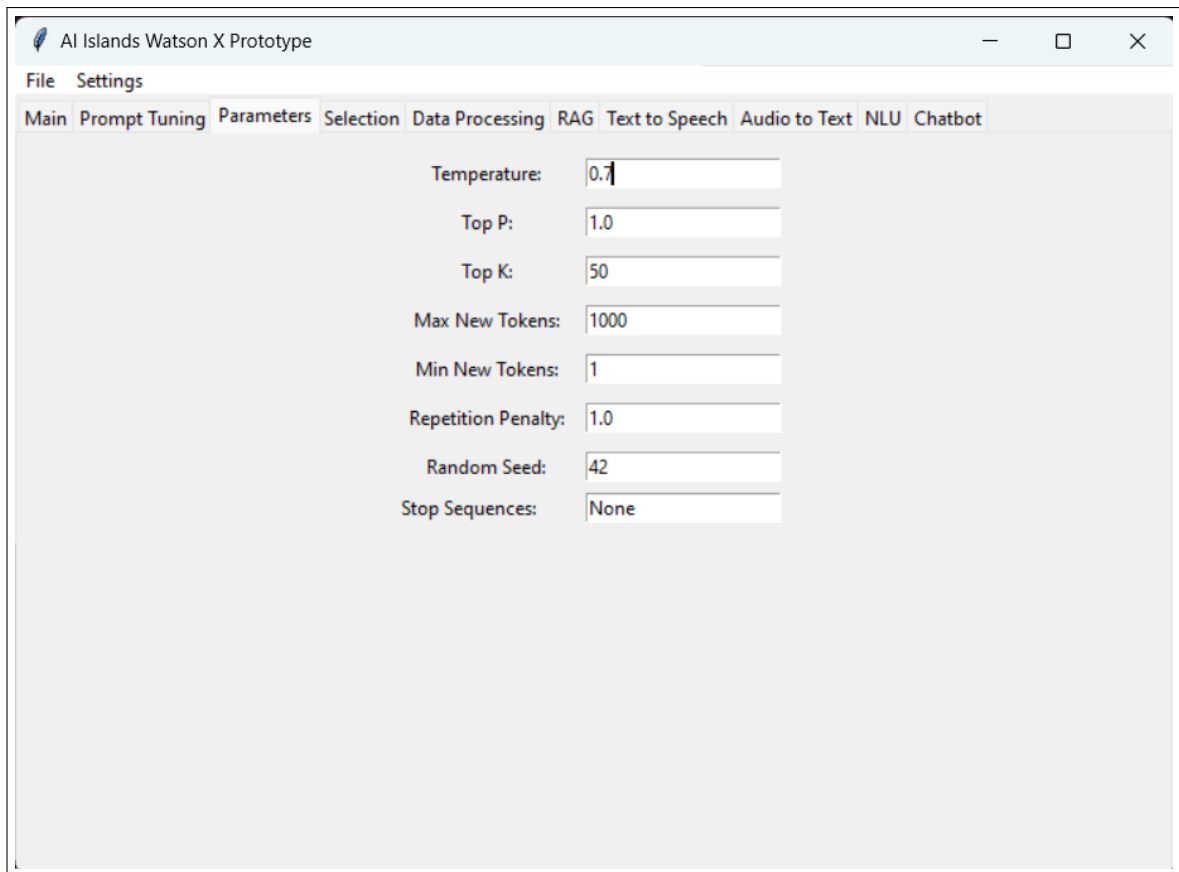We can set parameters for the model, as shown in Figure A.2.

Figure A.2: The Watsonx Prototype - Parameter Configuration

We can inference the model on the *Main* tab, as shown in Figure A.3. It is currently configured to accept a dataset, as shown in Figure A.4.
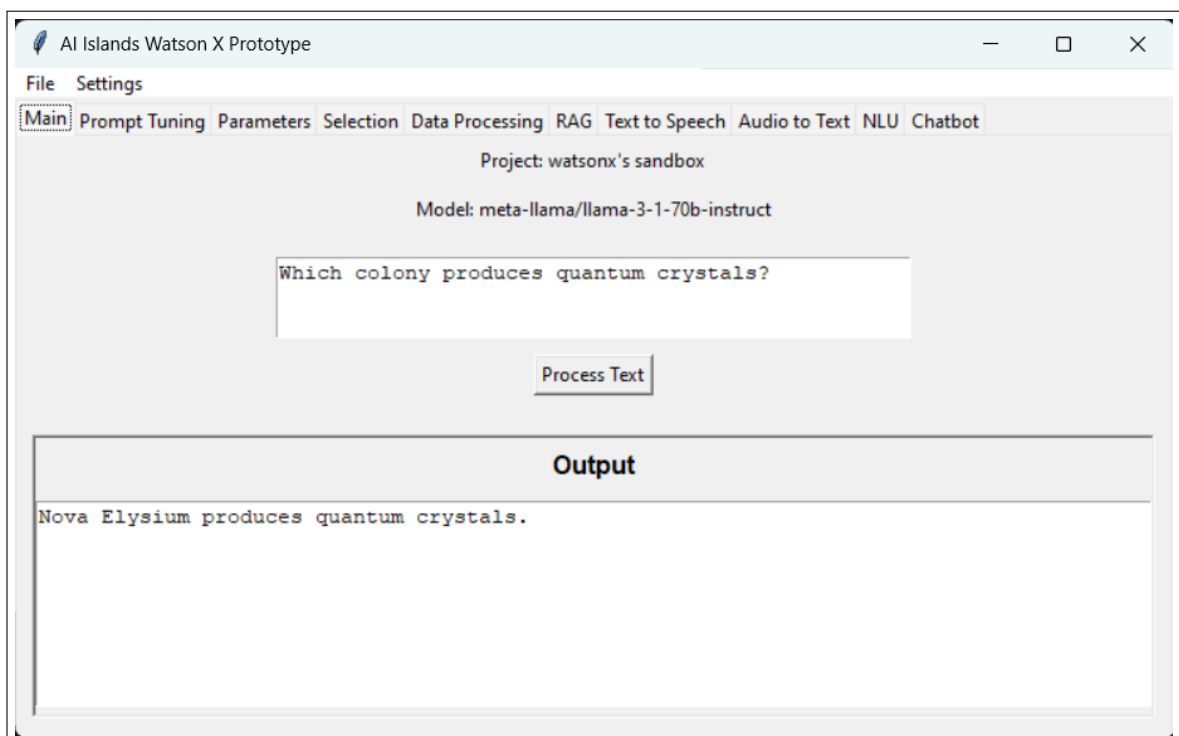
Figure A.3: The Watsonx Prototype - Model Inference With RAG Setting On

We can select a dataset after it has been processed within the *Data Processing* tab and configure the model to use the dataset by checking the 'Use Dataset' option, as shown in Figure A.4.
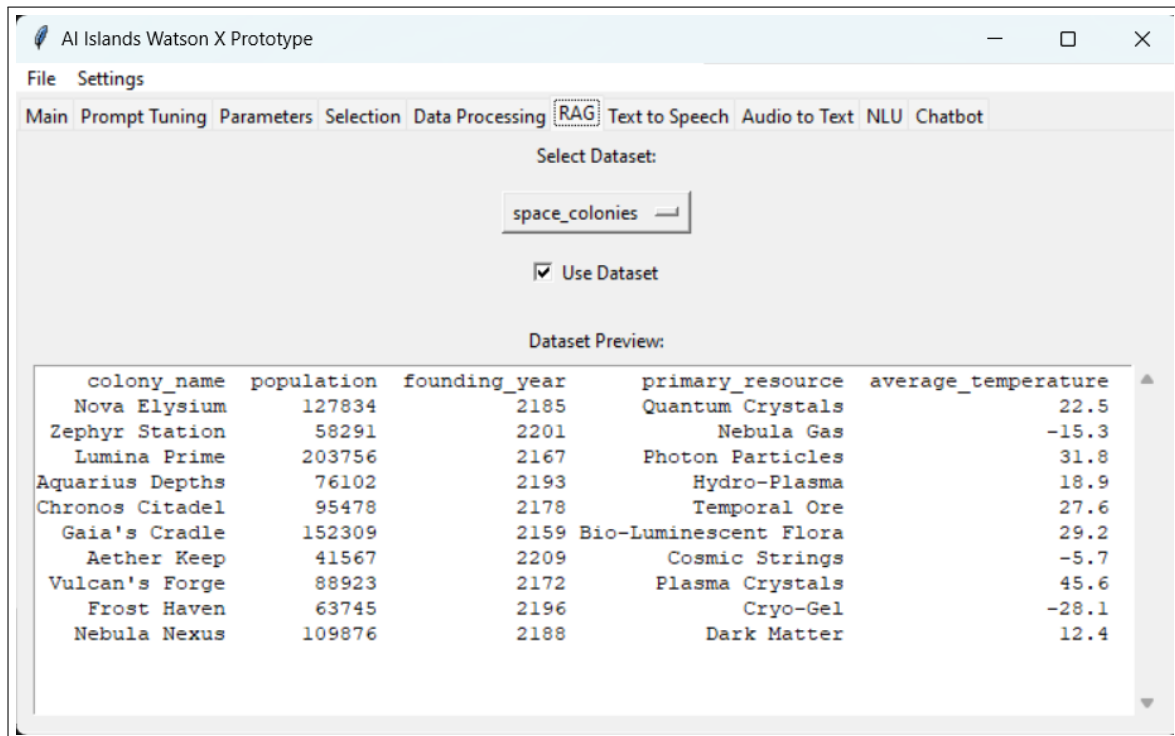

Figure A.4: The Watsonx Prototype - RAG Dataset Selector

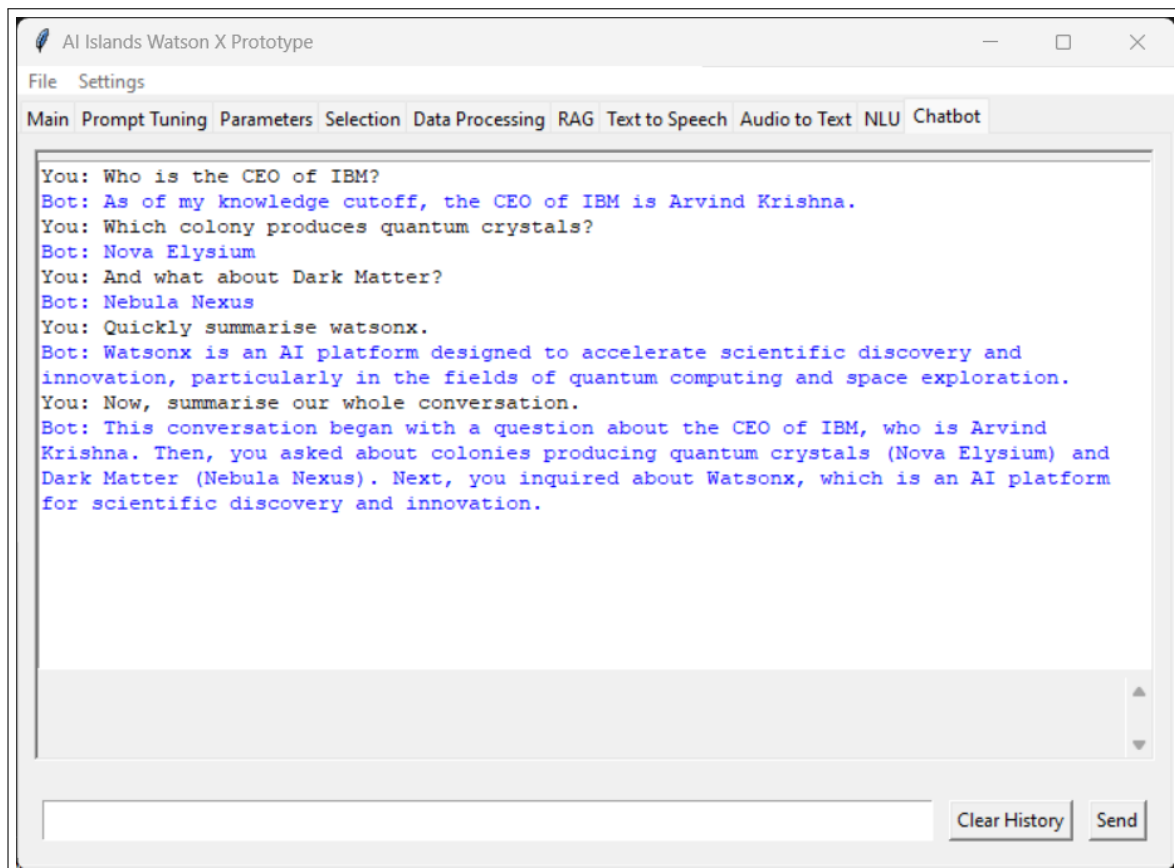We can preserve chat history and use a chatbot instead of single inferencing, as shown in Figure A.5.

Figure A.5: The Watsonx Prototype - Chatbot

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A.2 Watson Services

The prototype has the NLU, TTS and STT services available. Figure A.6 shows the NLU being inferenced, with all features.
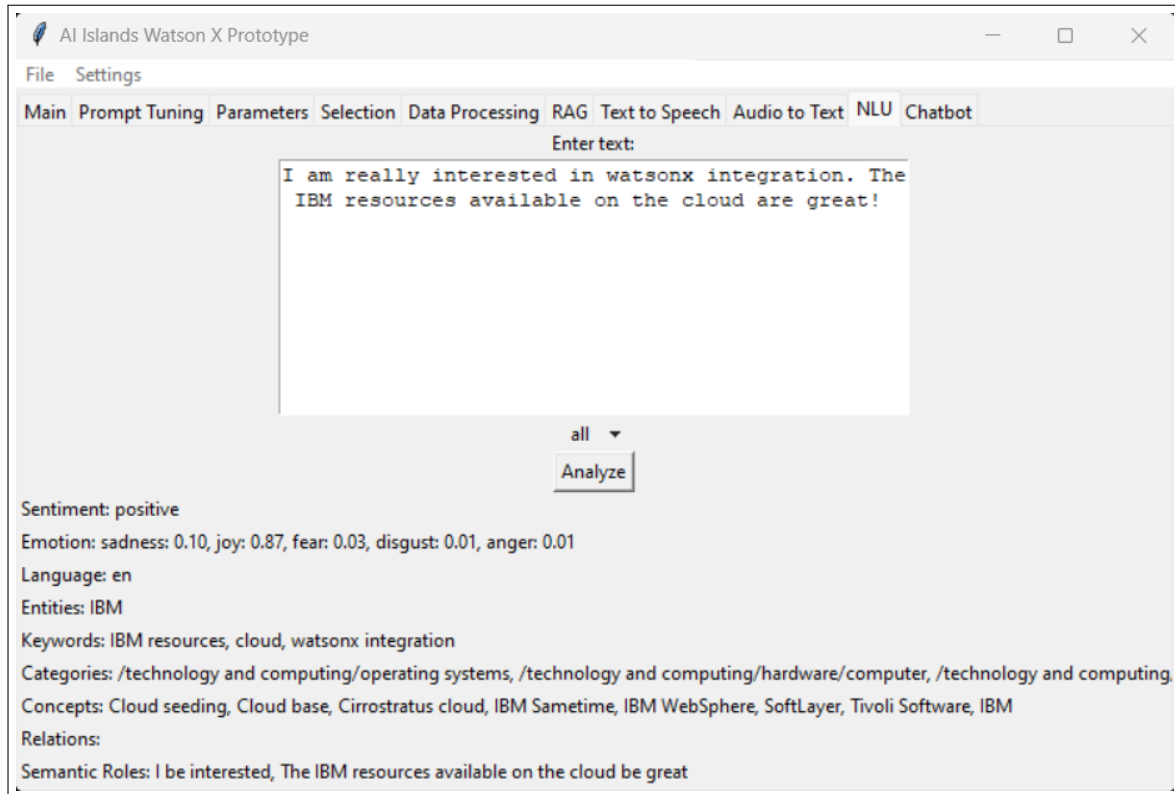

Figure A.6: The Watsonx Prototype - NLU

The method used to authenticate the services is the unified authentication method, as discussed in the main report, Chapter 6.