

# ABBYY Vantage

IBM Watsonx.ai integration with ABBYY Vantage

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## About ABBYY Vantage Integration to WatsonX.ai

ABBYY Vantage provides content IQ skills that allow you to turn unstructured content into structured, actionable information by means of classification and extraction, as well as processing specific document types like invoices, orders, W2 forms, and more.

ABBYY Vantage integration with Watsonx.ai is a module that will bring the power of different generative AI models to ABBYY Vantage.

## System Requirements and Limitations

You will require an ABBYY Vantage account, a valid subscription for ABBYY Vantage, and a Vantage user that is assigned the Skill Designer role to configure and to run your workflow.

You will also need an access to IBM Watsonx.ai with API keys and endpoint details.

ABBYY Vantage Integration to Connect with Watsonx.ai works with:

- ABBYY Vantage 2.6 or later.

## Installing the Connector

ABBYY Vantage Integration with Watsonx.ai is a script that runs in a Custom Activity of a Process Skill.

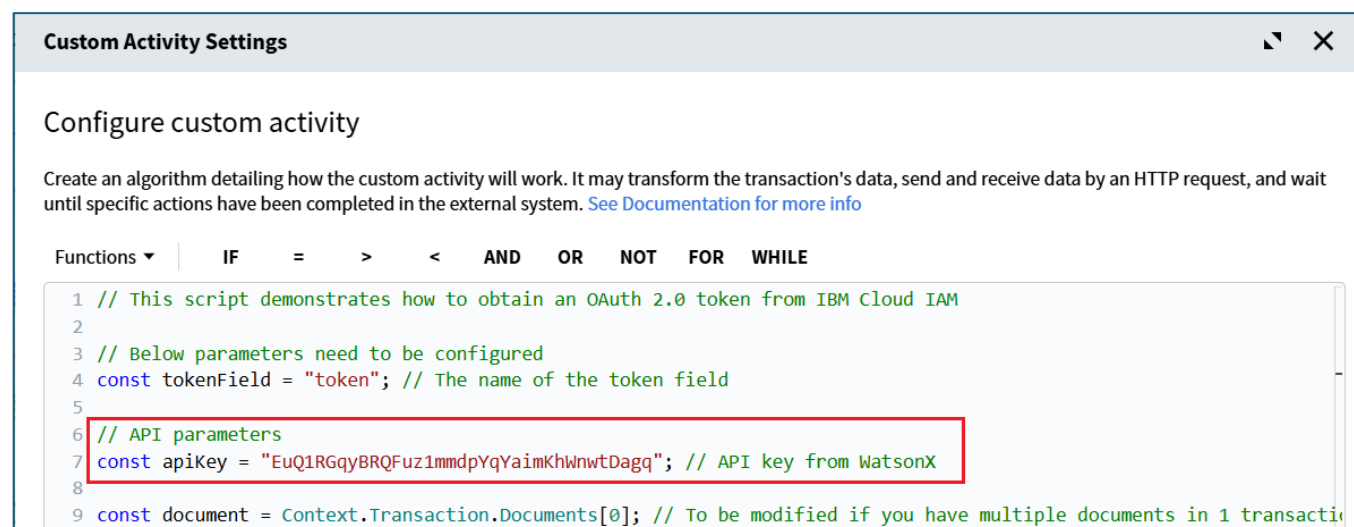
The current version of ABBYY Vantage Integration with Watsonx.ai is configured by modifying the script (see [Configuring the Connector](#) below).

## Using ABBYY Vantage to Connect with Watsonx.ai

### Configuring the Connector

To configure ABBYY Vantage Integration with Watsonx.ai, you should do the following by modifying below parameters/variables in the script in the first Custom Activity:

apiKey – The API key which you'll get from watsonx to use their API



```

Custom Activity Settings
Configure custom activity
Create an algorithm detailing how the custom activity will work. It may transform the transaction's data, send and receive data by an HTTP request, and wait until specific actions have been completed in the external system. See Documentation for more info
Functions ▾ | IF = > < AND OR NOT FOR WHILE
1 // This script demonstrates how to obtain an OAuth 2.0 token from IBM Cloud IAM
2
3 // Below parameters need to be configured
4 const tokenField = "token"; // The name of the token field
5
6 // API parameters
7 const apiKey = "EuQ1RGqyBRQFuz1mmdpYqYaimKhWnwtDagq"; // API key from WatsonX
8
9 const document = Context.Transaction.Documents[0]; // To be modified if you have multiple documents in 1 transacti

```

To configure ABBYY Vantage Integration with Watsonx.ai, you should do the following by modifying below parameters/variables in the script in the second Custom Activity:

sourceField – The name of the source field from in which data to be send to watsonx exists

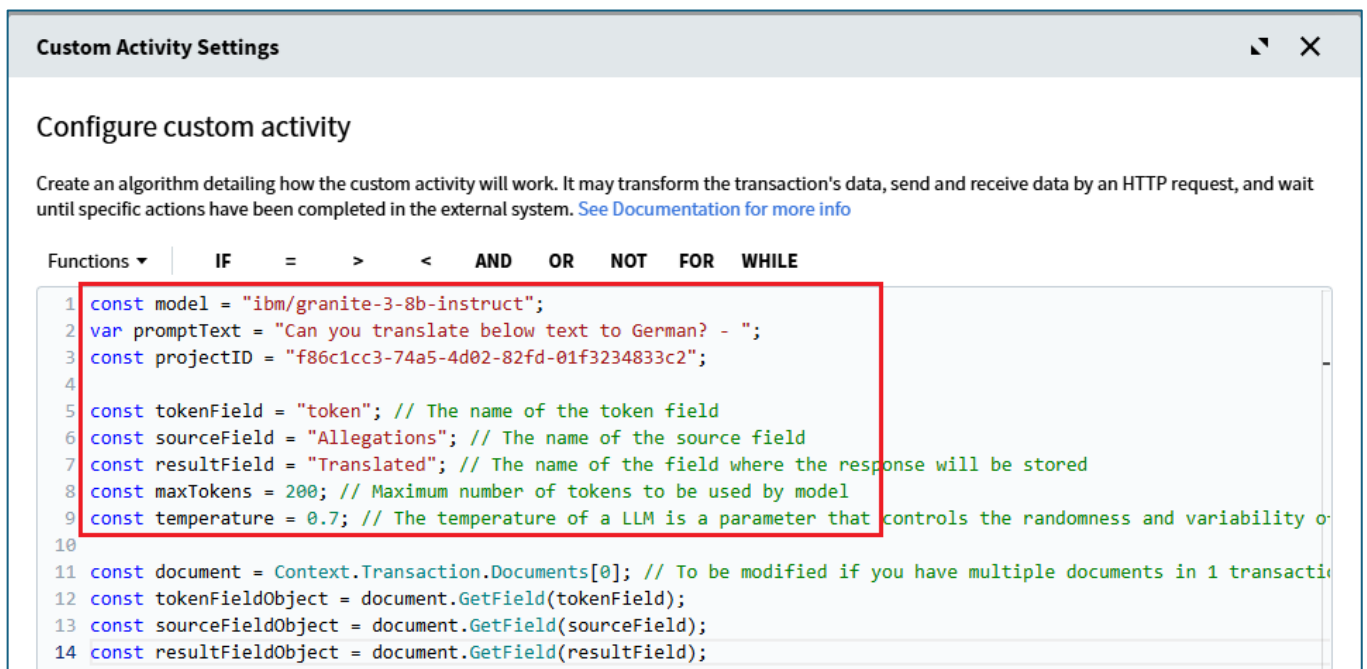
resultField – The name of the field where response from watsonx will be saved

promptText – A prompt refers to the input text or message provided by a user that prompts or initiates a conversation with the model. Example – Summarize in 50 words.

projectID – The Project ID which you'll get from watsonx to use their API

maximumTokens – tokens refer to individual units of meaning or language, such as words or punctuation, that are used as inputs to the language model.

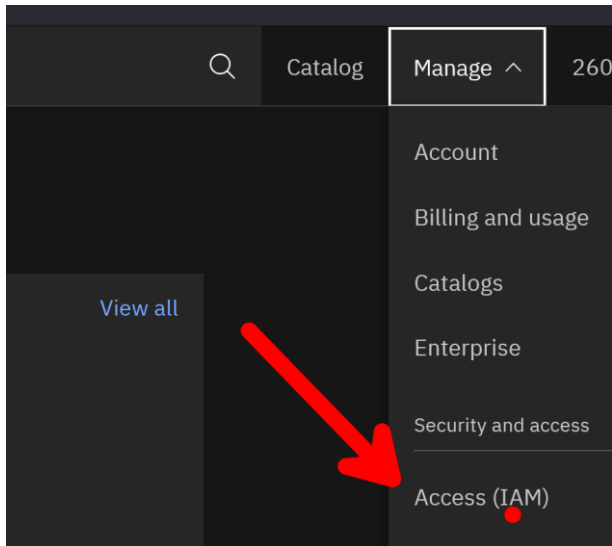
temperature – temperature is a parameter that controls the degree of randomness or creativity in the generated text, with higher values resulting in more diverse outputs.



## IBM Cloud Watsonx.ai Connector Setup

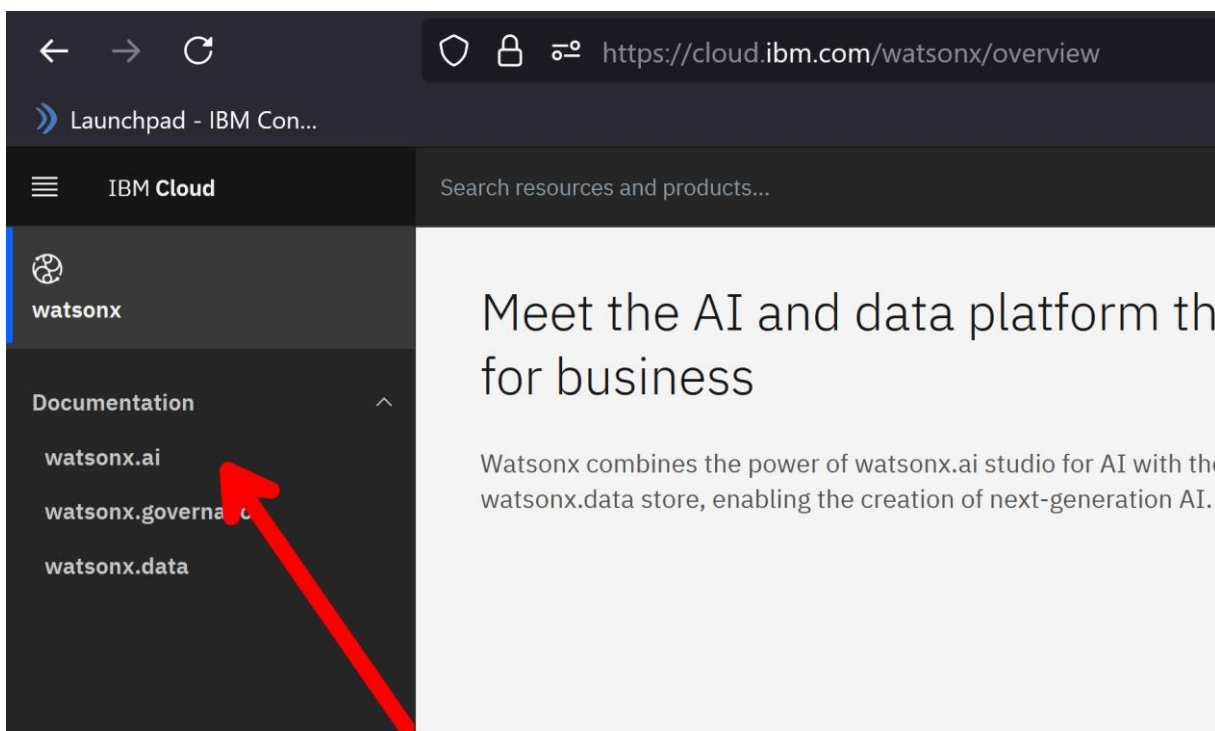
### API Key

To be created in <https://cloud.ibm.com/iam/apikeys> or following below screenshot

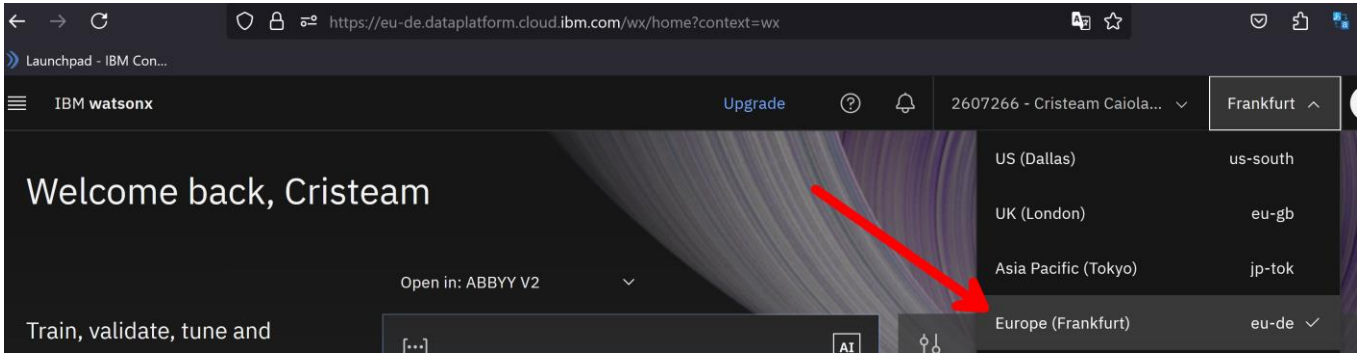


## Project ID

To be created inside watsonx.ai in <https://cloud.ibm.com/watsonx/overview>



then selecting the region, for example US-Dallas in <https://dataplatforn.cloud.ibm.com/wx/home?context=wx> or as per below screenshot in Europe-Frankfurt: <https://eu-de.dataplatform.cloud.ibm.com/wx/home?context=wx>



Then the first time create the project (in below example it is "ABBYY V2" after that the project ID will be shown in: Manage->General-> projectID

