

Simulation Transcript

Start a project and upload data

1. After you log into IBM Cloud, you'll find the Dashboard. This Dashboard lets you access the tools, services, resources and more in your IBM Cloud account. Select **Catalog** on the top toolbar.

The IBM Cloud dashboard

With several bank IT workers looking on, you log into IBM Cloud. As it comes up, you explain that you can access Watson Studio in just a few steps through an IBM Cloud account. This acts as your doorway to amazing AI resources.

2. This is the catalog of IBM products and services. It is a best practice to create database storage first. Type "object storage" in the **Search** field and select **Enter**
3. Select **Object Storage**.
4. For this simulation, you are using a free account, so you don't need to review a pricing plan. Select the **Next arrow** to continue.
5. **Scroll down** to the **Configure your resource** section. Developers would say that you're going to "provision" the object storage. A **Service name** is automatically generated, but you should name it something meaningful to your project. Type "Cloud Object Storage-Risk_Fraud" in the **Service name** field and select **Enter**.
6. You don't need to fill out the other fields. In the lower right select **Create**.
7. Now that you've provisioned the Cloud Object storage, select the **sandwich icon** at the top left to display the navigation menu.
8. Select **Resource list** from the navigation menu.
9. This displays a list of the resources that you have created. Select **Storage** to see that the Cloud Object Storage_Risk_Fraud that you just created is listed.
10. Select **Catalog** on the top toolbar.
11. Notice on the left side under **Category** that there is a large collection of available tools. Select the **AI / Machine Learning** category.

An AI / machine learning service

Now you're through the IBM doorway. You've finished basic bookkeeping and you're ready set up a project in IBM Watson Studio. Some of the IT folks haven't seen anything like this before, so more of them crowd around to watch you get ready.

12. Notice there are several AI and machine learning products listed. Find and select the **Watson Studio** block.
13. For this simulation, you are using a free account, so you don't need to review a pricing plan. Note that the location selected is **Dallas (us-south)**. **Scroll down** to reveal the **Configure your resource** section, then select the **Next arrow** to continue.
14. Under the **Configure your resource** section, the **Service name** is automatically generated, in this case Watson Studio-dl. Type "Watson Studio-AI Fundamentals" in the **Service name** field and select **Enter**.
15. You don't need to fill out the other fields. In the lower right, assume that you've checked that you have read and agree to the license agreements, then select **Create**.
16. You've provisioned the IBM Watson Studio service! Notice the service name you picked displays in the upper left. Now, you need to create a new project. Select **Launch in IBM Cloud Pak for Data**.

17. On the **Build and manage ML models** pop-up, **Provision Watson Machine Learning** is select by default. Select **Next**.

A new AI project

With your service set up, you'll create the AI project itself. This involves launching it, naming it, and associating it with the database that you'll use to test your machine learning models.

18. Make sure that **Dallas** displays in the **Select a region** field. Since **Dallas** was selected for Watson Studio, you must make sure that you select **Dallas** for all the other services. Select the **Next arrow** to continue.
19. Under the **Configure your resource** section, name your service. Type "Machine Learning-Risk_Fraud" in the **Service name** field. Then select **Create**.
20. You are working on a new project, so select **New project** to create an empty project and then select **Next**.
21. Under the **Define details** section, you can name your project. Type "Risk_Fraud" in the **Name** field. Select the **Next arrow** to continue.
22. Notice under **Storage** that IBM Watson Studio already provisioned the Cloud Object Storage (COS) that you created earlier so you have a database. This COS can store unstructured data like images and text. Soon, you'll work with structured data in a comma-separated values (CSV) file. Select **Create**.
23. You've created the project! This is the IBM Watson Studio Projects dashboard. You can see your project name at the top. This is the **Overview** tab. Select the **Assets** tab.
24. It's time to upload your data set. Select **Drop data files here** to open your local drive and find the `german_credit_data_biased_training.csv` file that you'll be working with for the project.
25. Drag and drop the `german_credit_data_biased_training.csv` file to **Drop data files or browse for files to upload** under **Data in this project**.
26. Notice your CSV file is right there for you. Select "`german_credit_data_biased_training.csv`".
27. A **Preview assets** page opens so you can now preview your data. Take a moment to check out the data that displays. Select the **Next arrow** to continue.

Conclusion: You successfully provisioned the IBM Watson Studio service, set up a new project, and uploaded the data set to your project so you're ready to begin working with it.