

Lab-0 - Prerequisites

Introduction

This lab will set up the Watson Studio environment for subsequent labs. Watson Studio is an integrated platform of tools, services, data, and meta-data to help companies and agencies accelerate their shift to be data driven organizations. The platform enables data professionals such as data scientists, data engineers, business analysts, and application developers collaboratively work with data to build, train, deploy machine learning and deep learning models at scale to infuse AI into business to drive innovation. Watson Studio is designed to support the development and deployment of data and analytics assets for the enterprise.

Objectives

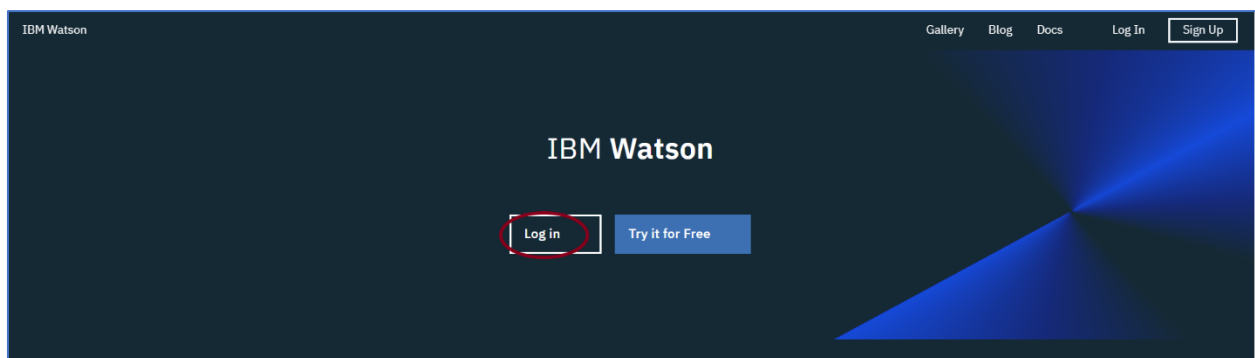
The goal of this lab is to create a Watson Studio project. Projects are a core component of Watson Studio. Projects enable you to organize your analytic and data assets in one place. Projects are also the home base for collaboration. Colleagues can be added as collaborators on a project with administrator, editor, or viewer access.

After completing this lab, you will be familiar with these features of Watson Studio.

1. Create a project
2. Create an object storage instance and associate it with the project

Create a Project

1. If you are not logged into Watson Studio, log into your Watson Studio account by typing in the url **dataplatfom.cloud.ibm.com** in your Firefox or Chrome browser. Otherwise, skip to step 5.
2. Click on **Log in**



3. Enter your Watson Studio user id and click **Continue**.

Log in to IBM

IBMid [Forgot IBMId?](#)

☐ Remember me [i](#)

Don't have an account? [Create an IBMId](#)

Need help? [Contact the IBMId help desk](#)

4. Enter your **Password** and click **Log in**.

Log in to IBM

Logging in as wsuser30000@gmail.com [Not you?](#)

Password [Forgot password?](#)

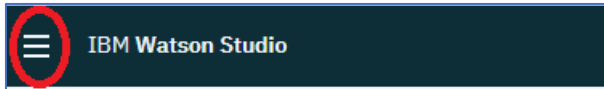
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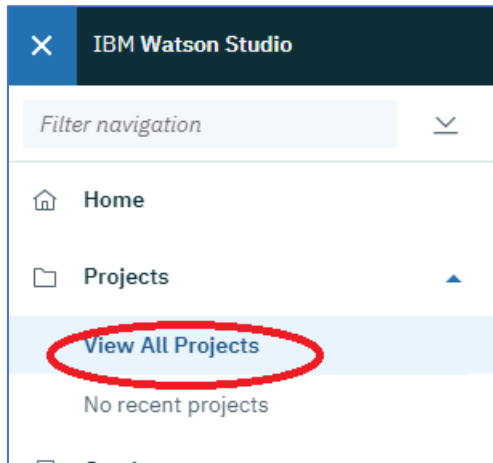
Don't have an account? [Create an IBMId](#)

Need help? [Contact the IBMId help desk](#)

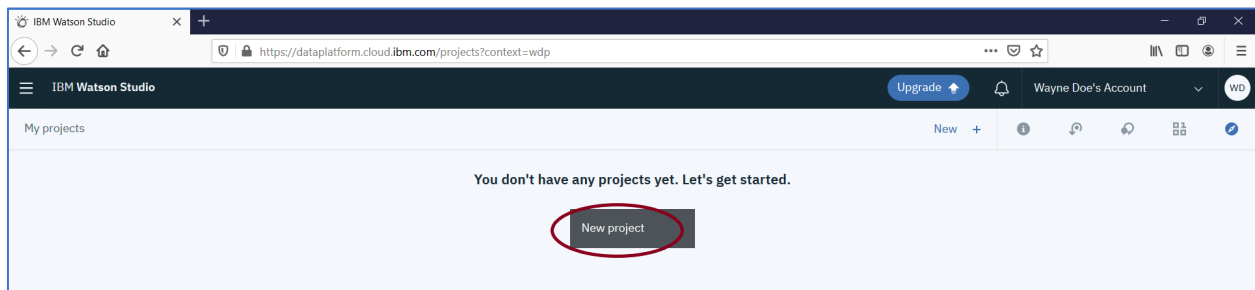
5. Click on the hamburger icon .



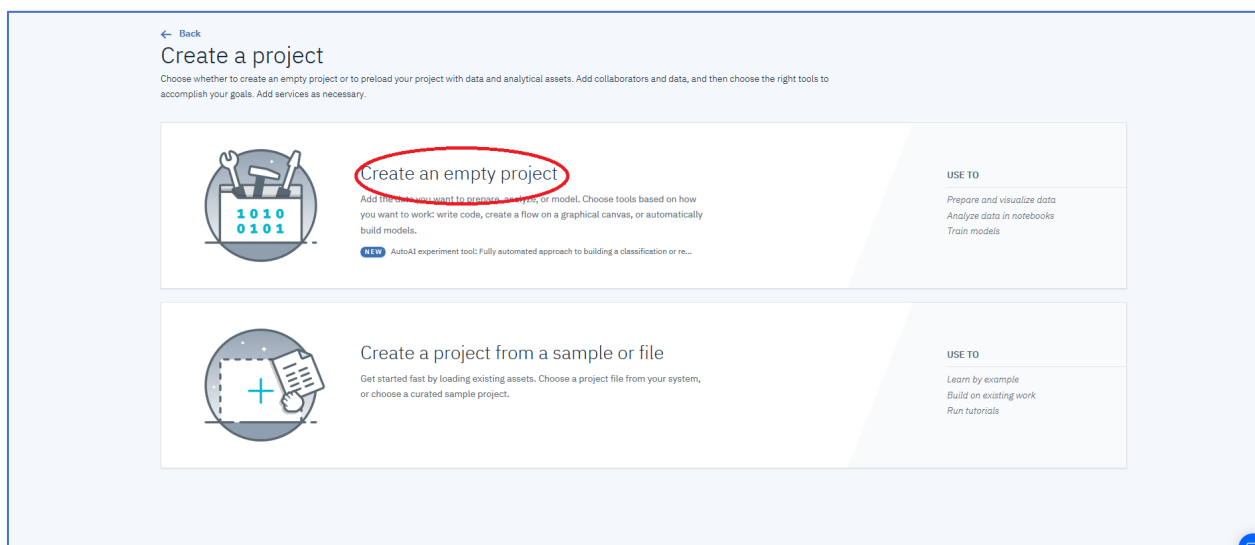
6. Click on **Projects**, and then click on **View All Projects**



7. Click on **New Project**.



8. Click on **Create an empty project**.



9. Enter “Watson Studio Labs” for the **Name**, optionally enter a **Description**, make sure to uncheck **Restrict who can be a collaborator** (if it’s checked), and in **Define Storage** click on **Add** to add an object storage instance. Note if you already have object storage defined (previously used Watson Studio), then skip to step 13.

New project

Define project details

Name

Watson Studio Labs

Description

Project description

Define storage

1 Select storage service

Add

Add an object storage instance, and then return to this page and click Refresh.

2 Refresh

Choose project options

☐ Restrict who can be a collaborator ⓘ

Project includes integration with [Cloud Object Storage](#) for storing project assets.

10. Scroll down, click on **Lite**, and then click on **Create**

Pricing Plan: Monthly Process shown above reflect the: [United States](#)

PLAN	FEATURES	PRICING
<input checked="" type="radio"/> Lite	1 COS Service Instance Storage up to 25 GB/mo. Up to 20,000 GET requests/mo. Up to 2,000 PUT requests/mo. Up to Data Retrieval 10 GB/mo. Up to 5GB Public Outbound Applies to aggregate total across all storage bucket classes	Free
<input type="radio"/> Standard	There is no minimum fee, so you pay only for what you use.	Expand each section to view details

Cancel

Create

11. Click Confirm.

Confirm Creation

Plan

Lite

Resource group

Default

Service name

cloud-object-storage-qo

Cancel

Confirm

12. Note that it may take a minute for your storage service to show up. Click Refresh.

New project

Define project details

Name

Watson Studio Labs

Description

Project description

Choose project options

☐ Restrict who can be a collaborator ⓘ

Project includes integration with [Cloud Object Storage](#) for storing project assets.

Define storage

① Select storage service

Add

Add an object storage instance, and then return to this page and click Refresh.

② Refresh

13. Click Create.

New project

Define project details

Name
Watson Studio Labs

Description
Project description

Storage

cloud-object-storage-qo

Choose project options

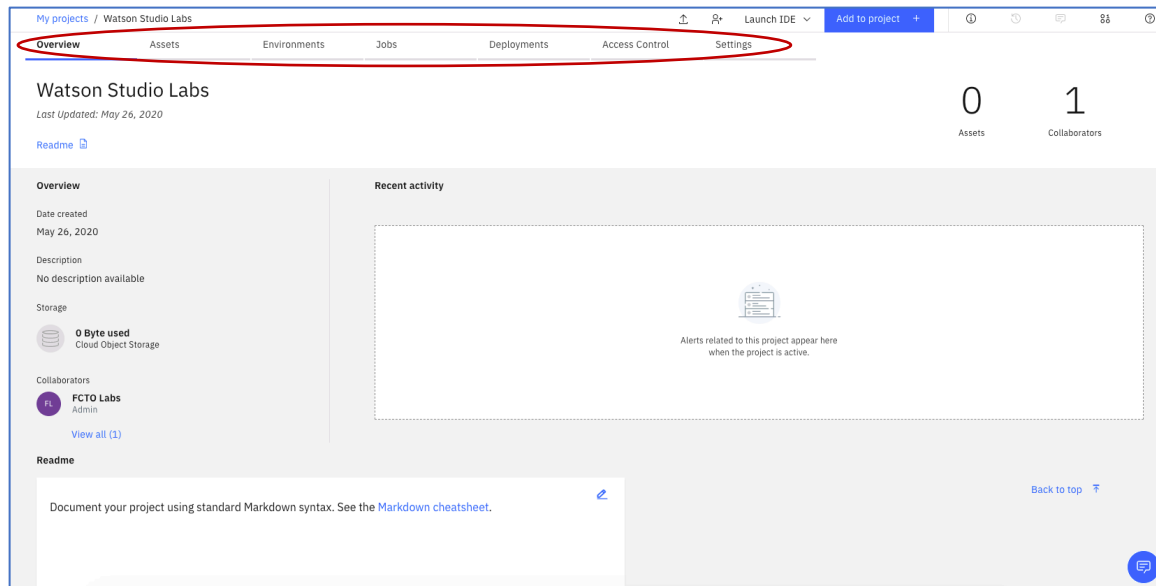
☐ Restrict who can be a collaborator ⓘ

Project includes integration with [Cloud Object Storage](#) for storing project assets.

Cancel Create

14. The Project **Overview** page is shown. This page provides summarized information about the project. In addition to the Overview page, are six other pages described below.

- a. **Assets Page** – Analytics and Data assets can be added to the project from this page.
- b. **Environments Page** - Provides information on the current notebook environments that are defined, lists the active notebook environments currently running, and enables users to create custom notebook environments.
- c. **Jobs Page** – Provides the interface to the job subsystem. This replaces the separate UIs to set up and run jobs for Notebooks and the Data Refinery. This is a new feature in Watson Studio Cloud version.
- d. **Bookmarks Page** - Lists artifacts from the Community that are bookmarked in this project.
- e. **Deployments Page** – Lists the deployed models
- f. **Access Control** – Lists the project collaborators and enables users to add/remove collaborators.
- g. **Settings** – Enables users to view and set project attributes.



You have completed Lab-0 Prerequisites!

- ✓ Created a project
- ✓ Created an object storage instance and associated it with the project