

Getting Started with Watson services on IBM Cloud

by Sara Elo Dean - sara.elo.dean1@fi.ibm.com

1. Create your IBM Cloud account

Follow these steps if you are a university researcher or student:

- Sign up for access to IBM through the Skills Build program <https://skillsbuild.org>
- Follow the instructions "**How to register with IBM SkillsBuild Software Downloads**" under **General** on this page <https://github.com/academic-initiative/documentation/tree/main/academic-initiative>
The steps refer to software downloads, but also allow you to deploy IBM Cloud services like **Watson Assistant** (for Conversational Agents) and **Watson Studio** with Watson NLP library (for Data Science).
- Create your IBM ID using your **University email address**. (This way, no need to enter a credit card number.)

If you are not affiliated with a university:

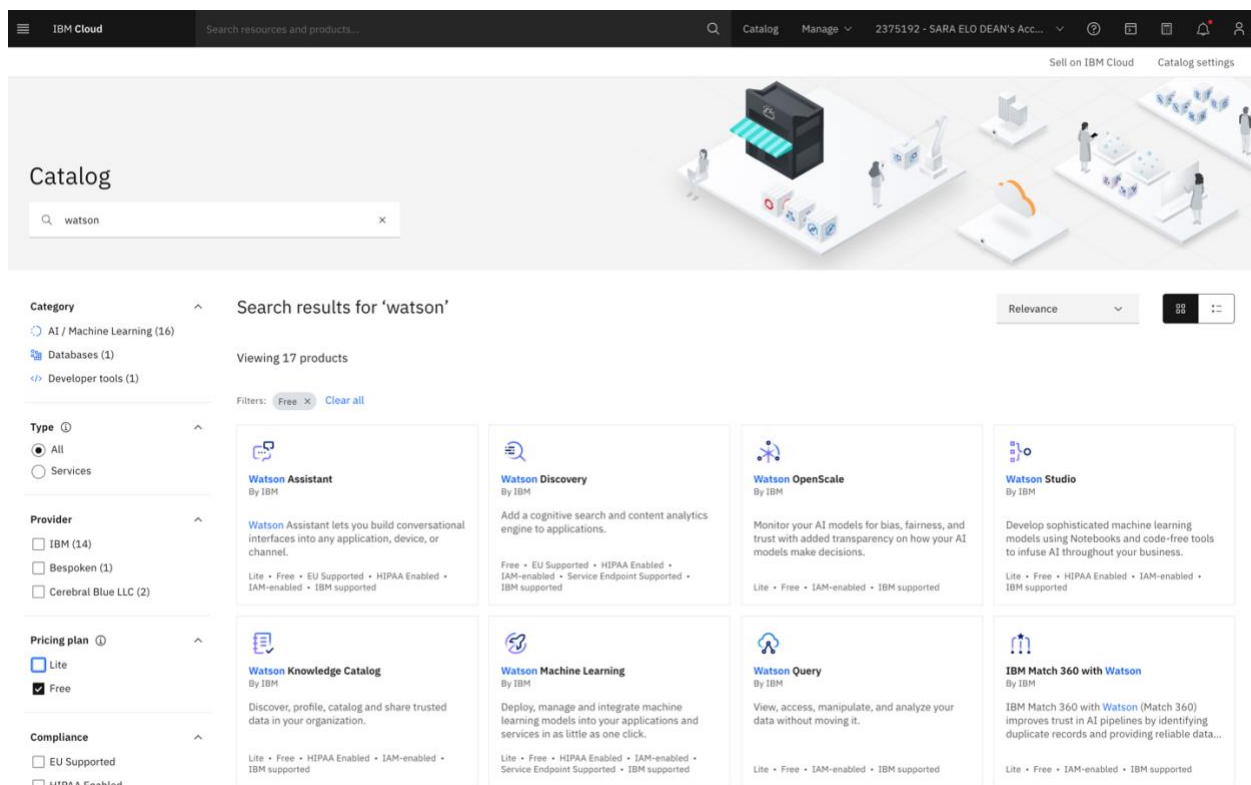
Register an IBM cloud account at <https://cloud.ibm.com/registration>

As with any other Cloud platform, during the registration you will need to provide your credit card details. But do not worry, if you deploy **Lite plans** of services, you will not be charged.

Once you have logged in to IBM Cloud, you can provision services from the **IBM Cloud Catalog** or provision IBM's data science platform **Cloud Pak for Data**.

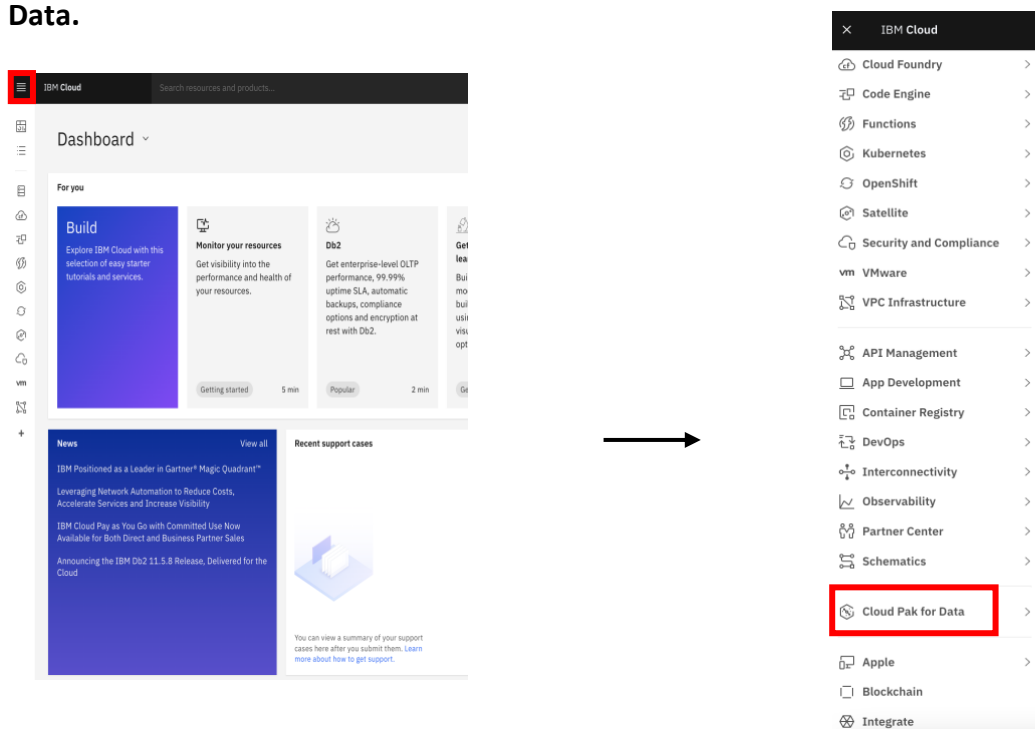
2. Provision IBM Cloud services for experimentation

Click **Catalog** in the header and search for services, for example 'Watson'. If you click **Free** as a filter you see all services you can experiment with without a fee. For example, **Watson Assistant** allows you to quickly build prototype chatbots and try them out with users.

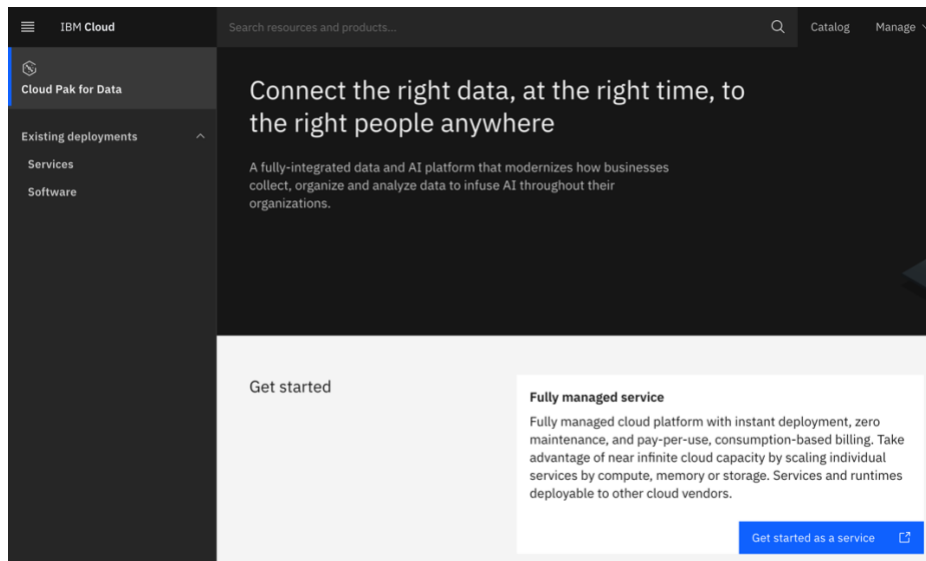


3. Provision Cloud Pak for Data for data science and Watson NLP experimentation

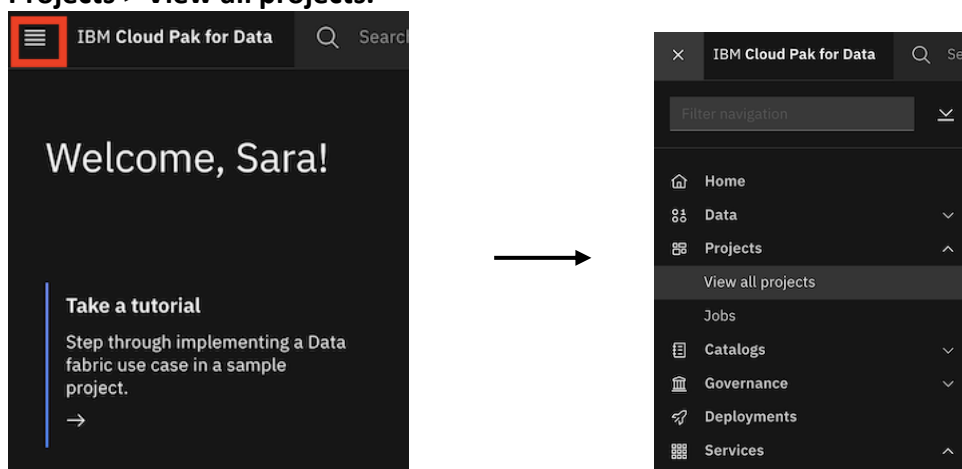
1. Click on the **hamburger menu** on the top left corner and then click on **Cloud Pak for Data**.



2. Under **Get Started**, go to **Fully Managed Service** and click **Get started as a service**.



3. Choose a region (choose **Frankfurt** if you are based in EU), agree to terms, and **Login with your IBMid**.
4. On the Cloud Pak for Data dashboard, go to the **hamburger menu** again and click **Projects > View all projects**.



5. Create a project by clicking **New project**, then **Create an empty project**.



6. On the **New project** page, you will be asked to select a Cloud Object Storage (COS) instance. Click the link at the bottom left to create one, if you don't have one yet.

IBM Cloud Pak for Data Search in your workspaces Upgrade 2375192 - SARA ELO DEA...

New project

Define details

Name

Description

What's the purpose of this project?

Choose project options

☒ Restrict who can be a collaborator

☐ Mark as sensitive

Project includes integration with **Cloud Object Storage** or storing project assets.

Define storage

1 Select storage service

Target Cloud Object Storage Instance

Select Cloud Object Storage instance from the list.

7. Select the **Lite plan** to **Create** a free COS instance.

IBM Cloud Search resources and products... Catalog Manage 2375192 - SARA ELO...

Catalog / Services /

Cloud Object Storage

Author: IBM • Date of last update: 2022-07-06 5:19 PM • Docs • API docs

Create About

Choose an Infrastructure

IBM Cloud

Create, manage, and access your storage in globally available data center locations. Public cloud environments are designed for high durability, resiliency and security. IBM-managed infrastructure automatically scales to businesses needs.

Satellite

Utilize infrastructure from on-premise data centers, at other cloud providers, or in edge networks as a Satellite location to IBM Cloud. Deploy, manage and control app workloads with IBM Cloud Object Storage on client-managed infrastructure.

Select a pricing plan

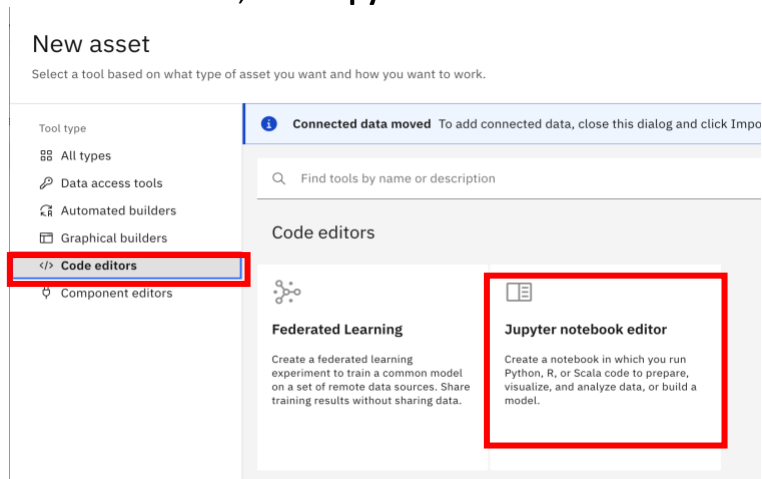
Displayed prices do not include tax. Monthly prices shown are for country or region: United States

Plan	Features	Pricing
Lite	<p>Lite plan instance is free to use for Storage capacity up to 25 GB per month. Lite plan instance is used for trial, and can be easily upgraded to Standard plan for unlimited scalability and full functionality.</p> <p>Only one Lite plan instance is allowed per account. The Lite plan instance includes up to 25 GB of storage capacity; 2,000 Class A (PUT, COPY, POST, and LIST) requests; 20,000 Class B (GET and all others) requests; 10 GB of data retrieval; 5GB of egress (public outbound bandwidth) each month. These thresholds apply to the aggregate total across all storage class buckets.</p> <p>Lite plan services are deleted after 30 days of inactivity.</p>	Free

8. Back on the **New project** page, enter **Name**, select COS you just created and click **Create**.

9. Once inside your project, click **Assets** tab, then **New asset** to add a notebook.

10. Click **Code editors**, then **Jupyter notebook editor**.



11. Click **From URL** and paste <https://github.com/selodean/watson-nlp-nordic-examples/blob/main/Syntax-Entities-Keywords-Sentiment-Multilingual.ipynb> in the **Notebook URL** field.

12. Select runtime **DO + NLP Runtime 22.2 on Python 3.10 XS (2 vCPU 8 GB RAM)** from the drop-down and click **Create**.

13. Now the notebook should appear in your project **Assets** tab. Click to open, click **pencil** icon to edit, and **Run** the notebook.

14. Have a go: Change the text and language code. Enjoy Watson NLP!

If you have questions about **IBM Cloud Pak for Data as a Service**, check out the documentation at <https://dataplatform.cloud.ibm.com/docs/content/wsj/getting-started/welcome-main.html> or reach out to me at sara.elo.dean1@fi.ibm.com.