

Resource list - IBM Cloud

https://cloud.ibm.com/resources

InPrivate

IBM Cloud

WATSONX.AI STUDIO

Catalog

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?

Resource list

Create resource +

Name

Group

Location

Product

Status

Tags

Filter by name or IP address...

Filter by group...

Filter...

Filter...

Filter...

Filter...

Compute (0)

Containers (0)

Networking (0)

Storage (0)

Converged infrastructure (0)

Enterprise applications (0)

AI / Machine Learning (0)

Analytics (0)

Blockchain (0)

Databases (1)

watsonx.data

19:31

Default

Dallas (us-south)

watsonx.data

Active

1

Post Attendee - Zoo

Resource list - IBM

Service Details - IBM

Crop_Deployment

Settings | IBM watso

Cloud Object Storage

IBM Cloud issues - G

au-syd.dai.cloud.ibm.com/ml-runtime/deployments/3f037a0c-f4a9-4ba9-985d-bdaa6a4e56a9/test?space_id=73bd3f6c-ed5f-4801-9dd2-cfd6d62305b5&context=cpdaas&flush=true

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IBM watsonx.ai Studio

Upgrade

Aditya Kumar's Account

Sydney

Deployment spaces / Crop1_Deploy / P8 - Random Forest Classifier: Crop1_ML /

Crop1

Prediction results

Close

Prediction type

Multiclass classification

Prediction percentage

2 records

rice

jute

Display format for prediction results

Table view

JSON view

Show input data

	Prediction	Confidence
1	rice	59%
2	jute	26%
3		
4		
5		
6		
7		
8		
9		

Download JSON file

Post Attendee - Zoo...Resource list - IBM...Service Details - IBM...Crop_Deployment...Settings | IBM wats...Cloud Object Stor...IBM Cloud issues - G...

au-syd.dai.cloud.ibm.com/ml-runtime/deployments/3f037a0c-f4a9-4ba9-985d-bdaa6a4e56a9/test?space_id=73bd3f6c-ed5f-4801-9dd2-cfd6d62305b5&context=cpdaas&flush=true

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Deployment spaces / Crop1_Deploy / P8 - Random Forest Classifier: Crop1_ML /

Crop_Deployment

DeployedOnline

API reference

Test

Enter input data

Text

JSON

Enter data manually or use a CSV file to populate the spreadsheet. Max file size is 50 MB.

Download CSV template

Browse local files

Search in space

Clear all

	N (double)	P (double)	K (double)	temperature (double)	humidity (double)	ph (double)	rainfall (double)
1	60	48	39	24.28	80.3	7.04	231
2	76	50	45	29	50	6	300
3							
4							

2 rows, 7 columns

Predict

Post Attendee - Zoo

Resource list - IBM C

Service Details - IBM

Crop_Deployment

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Cloud Object Storage

IBM Cloud issues - C

au-syd.dai.cloud.ibm.com/ml-runtime/deployments/3f037a0c-f4a9-4ba9-985d-bdaa6a4e56a9?space_id=73bd3f6c-ed5f-4801-9dd2-cfd6d62305b5&context=cpdaas

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Crop_Deployment

DeployedOnline

API reference

Test

Endpoints for scoring

Private endpoint

Public endpoint

Learn more about the 2021-05-01 version query parameter

Code snippets

cURL

Java

JavaScript

Python

Scala

NOTE: you must set \$API_KEY below using information retrieved from your IBM Cloud account (https://au-syd.dai.cloud.ibm.com/docs/content/)

export API_KEY=<YOUR_API_KEY>

About this deployment

Name

Description

Deployment Details

Tags

Associated asset

Post Attendee - Zoo

Resource list - IBM C

Service Details - IBM

P8 - Random Forest

Settings | IBM watso

Cloud Object Storag

IBM Cloud issues - G

au-syd.dai.cloud.ibm.com/ml-runtime/models/64e1cac8-afac-4fe4-a27c-78292f8a3858/deployments?space_id=73bd3f6c-ed5f-4801-9dd2-cfd6d62305b5&context=cpdaas&deployment_type=...

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Deployment spaces / Crop1_Deploy / P8 - Random Forest Classifier: Crop1_ML

DeploymentsModel details

▼

Search

New deployment

Name	Type	Status	Tags	Last modified
Crop_Deployment	Online	Deployed	Add tags +	19 seconds ago Aditya Kumar (You)

Items per page: 201-1 of 1 items1 of 1 pages

About this asset

Name

P8 - Random Forest Classifier: Crop1_ML

Description

No description provided.

Asset Details

Type: wml-hybrid_0.1

Model ID: 64e1cac8-afac-4f...

Software specification:
hybrid_0.1

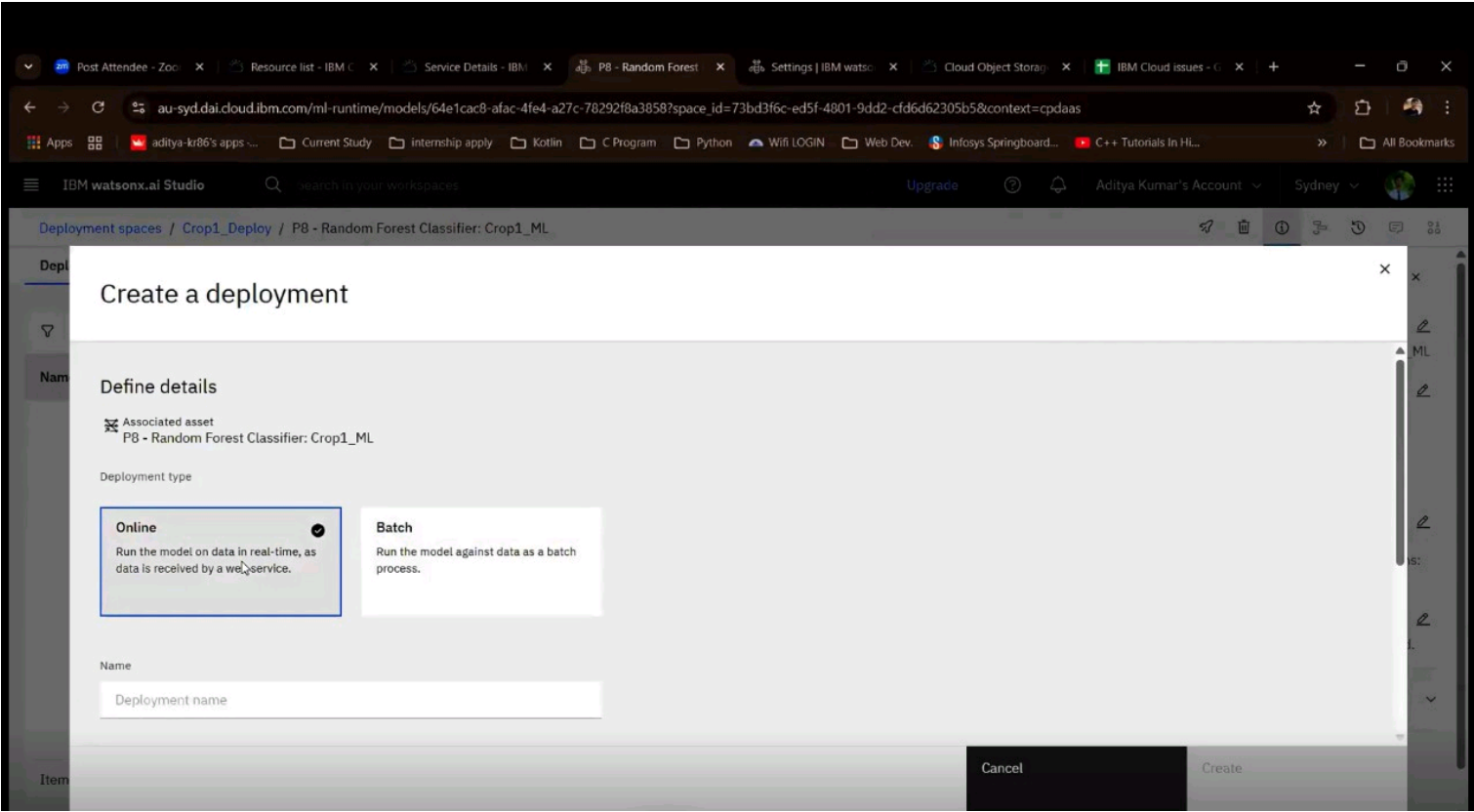
Hybrid pipeline software specifications:
autoai-kb_rt24.1-py3.11

Tags

Add tags to make assets easier to find.

Source asset details

Last modified
2 minutes ago by Service



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Crop1_Deploy — Sp

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Cloud Object Storage

IBM Cloud issues - C

au-syd.dai.cloud.ibm.com/ml-runtime/spaces/73bd3f6c-ed5f-4801-9dd2-cfd6d62305b5/manage/settings?context=cpdaas

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Deployment spaces /

Crop1_Deploy

Overview

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Space

General

Access control

Environments

Resource usage

Space GUID

73bd3f6c-ed5f-4801-9dd2-cfd6d62305b5

Date created

Jul 22, 2025, 6:52 PM

by Aditya Kumar (You)

Last updated

Jul 22, 2025, 6:52 PM

Stage

Not provided

Stage type

Pre-production

Tags

No tags are set to this space.

Controls

Cloud Pak for Data platform

Switch platform

Bucket

42139a3f-437e-4bd9-bb54-58ef704a528c

Manage in IBM Cloud

watsonx.ai Runtime service

Cancel

Save

watsonx.ai Runtime-hn

Projects / Crop1 / Crop1_ML

Experiment summary

Pipeline comparison

★ Rank by: Accuracy (Optimized) | Cross validation score

Classifier

Time elapsed: 4 minutes

View log

Save code

Pipeline leaderboard

	Rank	Name	Algorithm	Specialization	Accuracy (Optimized) Cross Validation	Enhancements	Build time
★	1	Pipeline 8	Random Forest Classifier		0.994	HPO-1 FE HPO-2	00:01:47
	2	Pipeline 7	Random Forest Classifier		0.992	HPO-1 FE	00:01:25
	3	Pipeline 6	Random Forest Classifier		0.992	HPO-1	00:01:00
	4	Pipeline 5	Random Forest Classifier		0.992	None	00:00:02

Post Attendee - Zoo x Resource list - IBM C x Service Details - IBM x IBM watsonx.ai Studi x Settings | IBM watso x Cloud Object Storag x IBM Cloud issues - G x

au-syd.dai.cloud.ibm.com/ml/auto-ml/7a96d1e5-da0f-4ee8-88d1-a82c69a467c3/train?projectId=59afdd3c-5af6-431f-9933-9c337b1c0e71&context=cpdaas

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Projects / Crop1 / Crop1_ML

Experiment summary Pipeline comparison

★ Rank by: Accuracy (Optimized) | Cross validation score

Progress map ⓘ
Prediction column: label

```
graph LR; A[Read dataset] --> B[Split holdout data]; B --> C[Read training data]; C --> D[Preprocessing]; D --> E[Model selection]; E --> F1[Snap Decision Tree Classifier]; E --> F2[Random Forest Classifier]; F1 --> P1[Hyperparameter optimization]; F1 --> P2[Feature engineering]; F1 --> P3[Hyperparameter optimization]; F1 --> P4[Hyperparameter optimization]; F2 --> P5[Hyperparameter optimization]; F2 --> P6[Feature engineering]; F2 --> P7[Hyperparameter optimization]; F2 --> P8[Hyperparameter optimization]; P1 --> P9[Ensemble creation]; P2 --> P9; P3 --> P9; P4 --> P9; P5 --> P9; P6 --> P9; P7 --> P9; P8 --> P9
```

Relationship map
Swap view ↗

Experiment completed ✓
8 PIPELINES GENERATED
8 pipelines generated from algorithms. See pipeline leaderboard below for more detail.
Time elapsed: 4 minutes

View log Save code

Pipeline leaderboard ▾

Post Attendee - Zoom

Resource list - IBM C

Service Details - IBM

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Settings | IBM watso

Cloud Object Storag

IBM Cloud issues - G

au-syd.dai.cloud.ibm.com/ml/auto-ml/7a96d1e5-da0f-4ee8-88d1-a82c69a467c3/train?projectid=59afdd3c-5af6-431f-9933-9c337b1c0e71&context=cpdaas

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Experiment summary

Pipeline comparison

★ Rank by: Accuracy (Optimized) | Cross validation score

Experiment completed

8 PIPELINES GENERATED

8 pipelines generated from algorithms. See pipeline leaderboard below for more detail.

Time elapsed: 4 minutes

View log

Save code

Pipeline leaderboard

Rank	Name	Algorithm	Specialization	Accuracy (Optimized)	Enhancements	Build time
------	------	-----------	----------------	----------------------	--------------	------------

Service Details - IBM Cloud

IBM watsonx.ai Studio

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https://eu-gb.dataplatform.cloud.ibm.com/ml/auto-ml/ad34512b-349d-4313-b255-5e83e7689df5/train?projectId=5d1cdb94-44bf-49eb-bb30-...

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Projects / Crop1 / Crop1_ML

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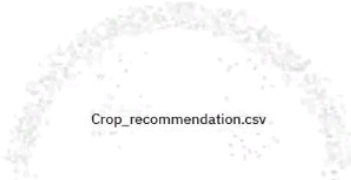
📖

Experiment summary


Pipeline comparison

★ Rank by: Accuracy (Optimized) | Cross validation score

Relationship map ⓘ
Prediction column: label



Progress map
[Swap view](#)



Pending

CROP_RECOMMENDATIO...

Starting the AutoAI experiment

Time elapsed: 15 seconds

View log

Save code

Pipeline leaderboard

▼

AutoSave Off Crop_recommendation... Saved to this PC Search

File Home Insert Draw Page Layout Formulas Data Review View Help

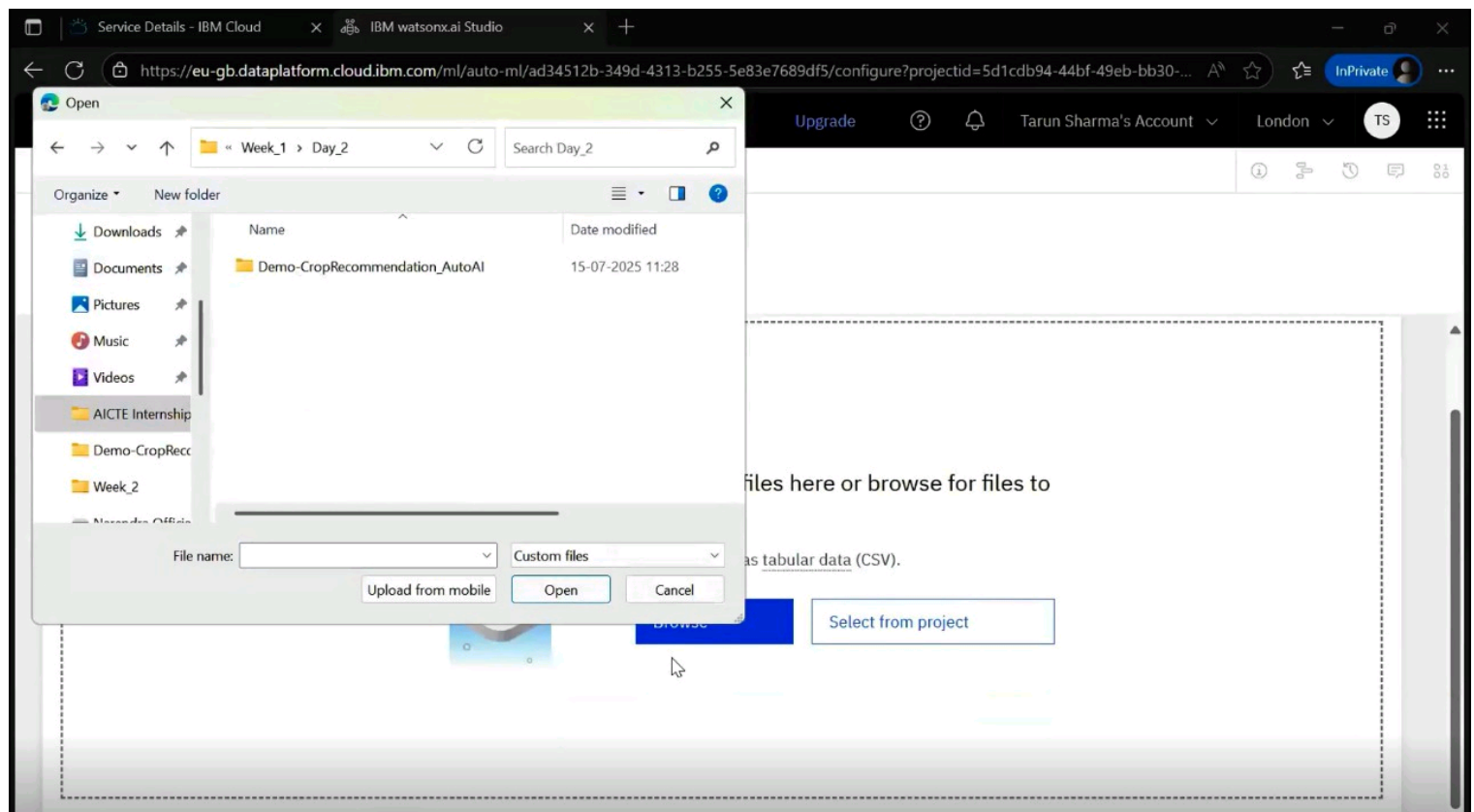
Clipboard Font Alignment Number Styles Cells Editing Add-ins AI

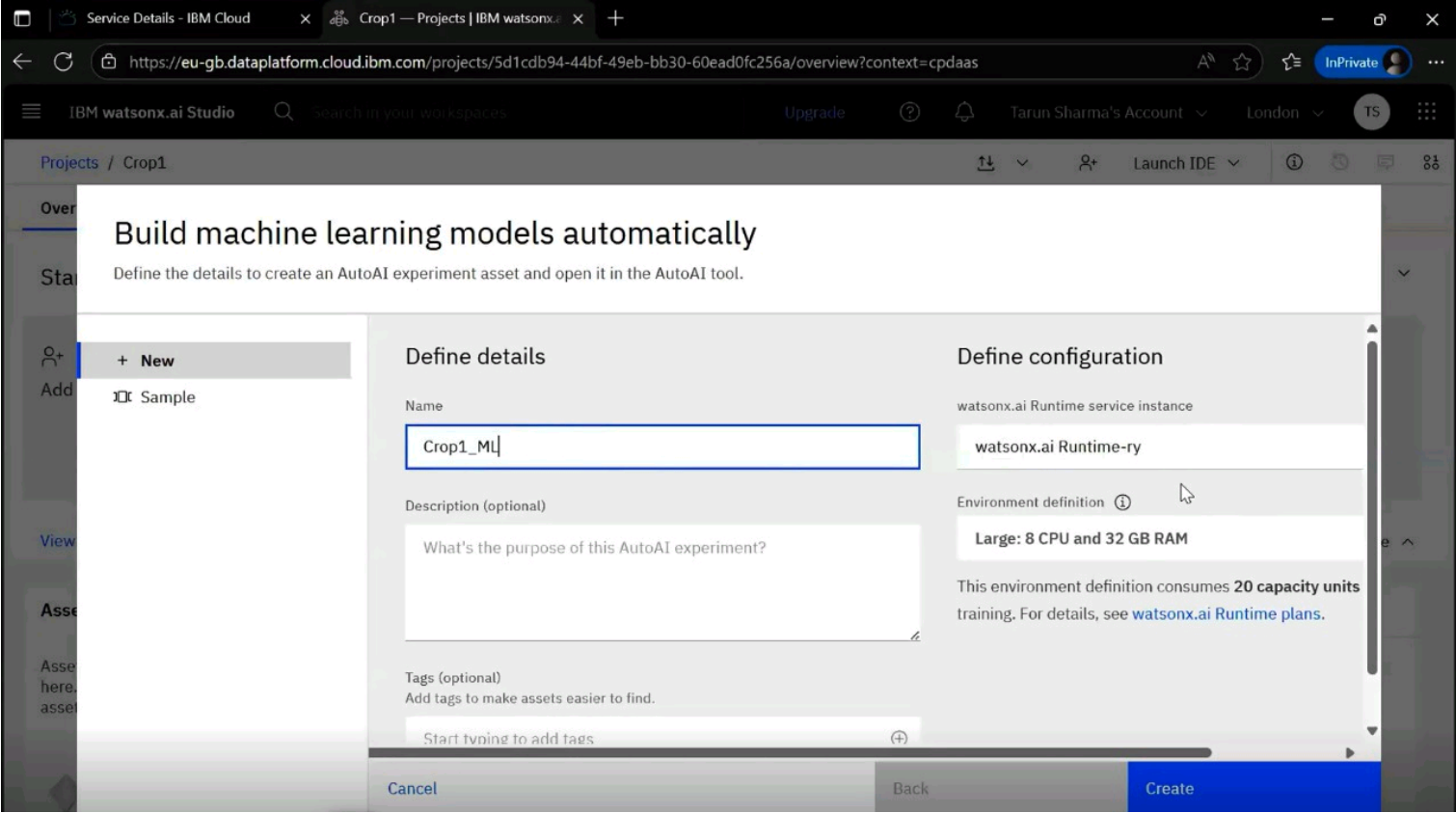
Comments Share

A1 : fx N

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	N	P	K	temperatu	humidity	ph	rainfall	label											
2		90	42	43	20.87974	82.00274	6.5029852	202.9355	rice										
3		85	58	41	21.77046	80.31964	7.038096	226.6555	rice										
4		60	55	44	23.00446	82.32076	7.840207	263.9642	rice										
5		74	35	40	26.4911	80.15836	6.980401	242.864	rice										
6		78	42	42	20.13017	81.60487	7.628473	262.7173	rice										
7		69	37	42	23.05805	83.37012	7.073454	251.055	rice										
8		69	55	38	22.70884	82.63941	5.700806	271.3249	rice										
9		94	53	40	20.27774	82.89409	5.7186271	241.9742	rice										
10		89	54	38	24.51588	83.535216	6.685346	230.4462	rice										
11		68	58	38	23.22397	83.03323	6.336254	221.2092	rice										
12		91	53	40	26.52724	81.41754	5.386168	264.6149	rice										
13		90	46	42	23.97898	81.45062	7.502834	250.0832	rice										
14		78	58	44	26.8008	80.88685	5.108682	284.4365	rice										
15		93	56	36	24.01498	82.05687	6.984354	185.2773	rice										
16		94	50	37	25.66585	80.66385	6.94802	209.587	rice										
17		60	48	39	24.28209	80.30026	7.0422990	231.0863	rice										
18		85	38	41	21.58712	82.78837	6.2490506	276.65524	rice										
19		91	35	39	23.79392	80.41818	6.97086	206.2612	rice										
20		77	38	36	21.86525	80.1923	5.953933	224.55501	rice										
21		88	35	40	23.57944	83.5876	5.853932	291.29866	rice										
22		89	45	36	21.32504	80.47476	6.442475	185.4975	rice										
23		76	40	43	25.15746	83.11713	5.070176	231.3843	rice										
24		67	59	41	21.94767	80.97384	6.012633	213.3561	rice										

Crop recommendation...





Service Details - IBM Cloud

Crop1 — Projects | IBM watsonx

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https://eu-gb.dataplatform.cloud.ibm.com/projects/5d1cdb94-44bf-49eb-bb30-60ead0fc256a?context=cpdaas

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⚙️

Overview

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Start working

Recommended

👤+

Add users as collaborators

→

📁

Add data to work with

→

📄

Work with data and models in Python or R notebooks

→

🧠

Build machine learning models automatically

→

View all

Collapse

Assets

By all

Assets that you create with tools show here. See all assets, including data assets, on the Assets page.

Resource usage

🔔

For this month in this project

0 CUH

Your documentation

New!

Get started with your documentation

You can create and manage documents about work that you do in this project.

Open Documentation editor

Service Details - IBM Cloud

New project | IBM watsonx.ai Studio

https://eu-gb.dataplatform.cloud.ibm.com/projects/new-project?context=cpdaas

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Create a project

Start with a new, blank project or select from where to import an existing project.

+ New

Local file

Sample

Define details

Name

Crop1

Description (optional)

Predict Crop type for given soil

Tags (optional)

Add tags

Add tags to make projects easier to find. To add tags, separate them with commas and press Enter.

Cancel

Create

Service Details - IBM Cloud

New project | IBM watsonx.ai Studio

Cloud Object Storage — Services

https://eu-gb.dataplatform.cloud.ibm.com/data/catalog/cloud-object-storage?context=cpdaas&target=cloud-object-storage&closeTab=true

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Plan	Features	Pricing
One-Rate	One-Rate Plan is a Pay-as-You-Go option with a single, flat monthly rate (\$/GB) that includes storage, API operations, retrieval, and outbound bandwidth—making it ideal for high-activity workloads with frequent access and data transfer, such as analytics, media, and web apps. The plan includes built-in allowances that scale with stored capacity and offers automatic volume discounts as usage grows	
Lite(deprecated)	<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>None</p> <p>Lite plan services are deleted after 30 days of inactivity.</p>	Free
Standard	Standard Plan is a flexible Pay-as-You-Go option with no minimum fee—ideal for workloads with large storage needs but low or infrequent access and outbound traffic. It includes a Free Tier with 5GB of Smart Tier storage for 12 months. Charges are based on actual usage, with separate billing for storage, outbound bandwidth, API operations, and data retrieval. Multiple storage classes help you optimize costs based on how often data is accessed. Free Tier allowance:	

Summary

Cloud Object Storage

Region: Global

Plan: Lite(deprecated)

Service name: Cloud Object Storage-ub

Resource group: Default

Create

View terms


Service Details - IBM Cloud

Home | IBM watsonx.ai Studio

https://eu-gb.dataplatform.cloud.ibm.com/home?context=cpdaas&apps=data_science_experience&nocache=true&onboarding=true&quick_start_... InPrivate

IBM watsonx.ai Studio

Welcome, Tarun



Build and manage ML models with watsonx.ai Studio

watsonx.ai Studio is a service that you use to build, deploy, and manage AI models and to optimize decisions.
Work within a project to build models.
Customize how you work by choosing from notebooks, graphical canvases, and no-code tools.

Get started with watsonx.ai Studio by provisioning a watsonx.ai Studio and watsonx.ai Runtime service instance.

Take a tutorial

Step through implementing a Data Fabric use case in a sample project.

→

Quick start

- Build customer profiles with IBM Match Tool with Watsonx
- Catalog and govern data with watsonx data intelligence
- Build and manage ML models with watsonx.ai Studio

Get started

Provision watsonx.ai Studio
Create an instance of watsonx.ai Studio from the service catalog.

Provision watsonx.ai Runtime
Create an instance of watsonx.ai Runtime from the service catalog.

Cancel

Next

Deployments

When you create spaces, you'll see them here.

New deployment space

IBM Cloud

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Provider

IBM

Last updated

05/06/2025

Category

AI / Machine Learning

Compliance

HIPAA Enabled

IAM-enabled

Location

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Frankfurt (eu-de)

London (eu-gb)

Tokyo (jp-tok)

Dallas (us-south)

Toronto (ca-tor)

Related links

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London (eu-gb)

Select a pricing plan

Prices shown are for country or location: [United States](#)

Plan	Features and capabilities	Pricing
Lite	<div>1 authorized user</div> <div>10 capacity unit-hours monthly limit</div> <div>Environment = # of capacity units required per hour</div> <div>• 1 vCPU + 4 GB RAM = 0.5</div> <div>• 2 vCPU + 8 GB RAM = 1</div> <div>• 4 vCPU + 16 GB RAM = 2</div> <div>• Decision Optimization + Watson NLP = Environment + 5</div> <div>• Synthetic Data Generator, 2 vCPU + 8 GB RAM = 7 (requires watsonx.ai Runtime)</div> <div>The Lite plan offers most watsonx.ai Studio data science and AI features with usage restrictions.</div> <div>Lite plan services are deleted after 30 days of inactivity.</div>	Free

Summary

watsonx.ai Studio

Free

Location: London (eu-gb)

Plan: Lite

Service name: watsonx.ai Studio-wm

Resource group: Default

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Add to estimate