

All Links.docx - Google Docs

GMT20250722-122620\_Recording

cloud.ibm - Search

Service Details - IBM Cloud

New project | IBM Watson AI Studio

<https://au-syd.dai.cloud.ibm.com/projects/new-project?context=cpdaas>

IBM Watson AI Studio

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Sydney

DR

## Create a project

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

+ New

Local file

Sample

crop1

Description (optional)

This project is for predicting crop from history data using Machine learning.

Tags (optional)

Add tags

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

Storage

Cloud Object Storage-mv

Project includes integration with Cloud Object Storage for storing project assets.

Advanced settings

Cancel

Create

0.0 Kbps  
0.0 Kbps

The screenshot shows the 'Create a project' form in the IBM Watson AI Studio. The project name 'crop1' is entered in the main input field. A description is provided: 'This project is for predicting crop from history data using Machine learning.' The 'Storage' section shows 'Cloud Object Storage-mv' is selected. The 'Create' button is highlighted in blue at the bottom right.

The screenshot shows the IBM Watsonx.ai Studio interface with the URL <https://au-syd.dai.cloud.ibm.com/projects/0963315f-3a7a-4559-9916-e335f6ba366e/manage/services?context=cpdaas>. The main content area displays a modal dialog titled "Associate service". The dialog header includes "Associate service" and "Choose an existing or add a new service to associate with your project." Below the header are two dropdown menus: "Default" (selected) and "Locations". A search bar labeled "Find services" is present. A table lists a single service entry:

Name	Type	Plan	Location	Status	Group
watsonx.ai Runtime-bp <small>①</small>	watsonx.ai Runtime	Lite	Sydney	◆ Not associated	Default

At the bottom of the dialog are "Cancel" and "Associate" buttons. The "Associate" button is highlighted with a blue background. A network status indicator at the bottom right shows "5.3 Kbps" and "15.3 Kbps".

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Service Details - IBM Cloud

crop1 — Projects | IBM watsonx.ai

https://au-syd.dai.cloud.ibm.com/projects/0963315f-3a7a-4559-9916-e335f6ba366e/overview?context=cpdaas

IBM watsonx.ai Studio

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Projects / crop1

Over

## Build machine learning models automatically

Start Define the details to create an AutoAI experiment asset and open it in the AutoAI tool.

+ New

Add Sample

View

Assets

Asse all as page

View

Define details

Name

crop1\_ML

Description (optional)

This project aims to predict the most suitable crop based on environmental and agricultural factors like soil type, climate, and location. Using AutoAI, it builds and evaluates models automatically to support smart, data-driven farming decisions.

Tags (optional)

Add tags to make assets easier to find.

Start typing to add tags

Cancel

Define configuration

watsonx.ai Runtime service instance

watsonx.ai Runtime-bp

Environment definition

Large: 8 CPU and 32 GB RAM

This environment definition consumes 20 capacity units per hour for training. For details, see [watsonx.ai Runtime plans](#).

Back Creating

13.7 Kbps  
67.2 Kbps

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Service Details - IBM Cloud

IBM watsonx.ai Studio

<https://au-syd.dai.cloud.ibm.com/ml/auto-ml/35163996-8933-41b8-abc6-5cf8c8e15eea/configure?projectid=0963315f-3a7a-4559-9916-e335f6ba366e&context=...>

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Projects / crop1 / crop1\_ML

Configure AutoAI experiment

crop1\_ML

Add data source

Drop data files here or browse for files to upload

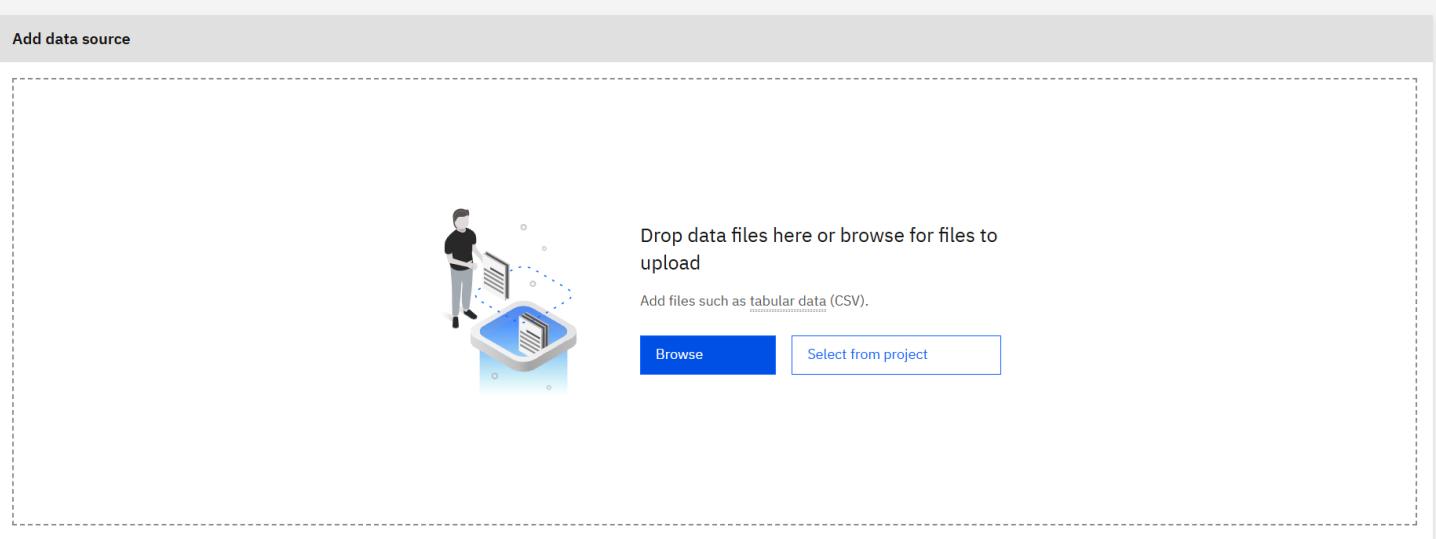
Add files such as tabular data (CSV).

Browse

Select from project

OK

CANCEL



The screenshot shows the IBM Watsonx.ai Studio interface. At the top, there are several tabs: "All Links.docx - Google Docs", "GMT20250722-122620\_Recording", "cloud.ibm - Search", "Service Details - IBM Cloud", and "IBM watsonx.ai Studio". The main navigation bar includes "IBM watsonx.ai Studio", a search bar, "Upgrade", a help icon, a notifications icon, "Divyanshu Roy's Account", "Sydney", and a "DR" button.

The current view is under the "Projects / crop1 / crop1\_ML" section. The title is "Configure AutoAI experiment" followed by the name "crop1\_ML".

The interface is divided into two main sections:

- Add data source:** This section contains a dashed box for "Add files such as tabular data (CSV)". It includes "Browse" and "Select from project" buttons. A file named "Crop\_recommendation.csv" is listed, showing a size of 146.52 KB and 8 columns.
- Configure details:** This section includes a warning about "No user API key", stating that to create an AutoAI machine learning experiment, a User API key must be created first. It also features a "Create a time series analysis?" section with a "Yes" and "No" button, and a note that data must be structured and sequential.

The screenshot shows the IBM Watsonx.ai Studio interface. The user is on the 'User API key' tab. A green success message box displays: "User API key is successfully created. Your new key is stored in IBM watsonx.ai Studio and IBM Cloud." Below this, the 'User API key' section is described: "A user API key is required to authenticate runtime operations in IBM watsonx.ai Studio. Rotate keys as needed to create a new key and phase out the current key." A table lists the user's API keys:

Name	Creation date	Status
[REDACTED]	July 25, 2025 at 10:01:49 AM	Active

Screenshot of the IBM Watsonx.ai Studio interface showing the configuration of an AutoAI experiment for crop recommendation.

**Configure AutoAI experiment**

**crop1\_ML**

**Add data source**

Add files such as tabular data (CSV).  
Browse    Select from project

Crop\_recommendation.csv  
Size: 146.52 KB | Columns: 8

**Configure details**

Create a time series analysis?  
Enable this option to predict future activity over a specified date/time range. Data must be structured and sequential. [Learn more](#) Yes   No

What do you want to predict?  
Prediction column: label

Prediction column: label   CUH remaining: 20 CUH

PREDICTION TYPE: Multiclass Classification   OPTIMIZED FOR: Accuracy & run time

Experiment settings   Run experiment

Screenshot of the IBM Watsonx.ai Studio interface showing the configuration of an AutoAI experiment for crop recommendation.

**Configure AutoAI experiment**

**crop1\_ML**  

**Add data source**

Add files such as tabular data (CSV).  
Browse  Select from project 

**Crop\_recommendation.csv**  
Size: 146.52 KB | Columns: 8 

**Configure details**

**Create a time series analysis?**  
Enable this option to predict future activity over a specified date/time range. Data must be structured and sequential. [Learn more](#)  Yes  No

**What do you want to predict?**  
Prediction column  

**PREDICTION TYPE** **Multiclass Classification** **CUH remaining:** 20 CUH

**OPTIMIZED FOR** Accuracy & run time

Experiment settings  Preparing 

Screenshot of the IBM Watsonx.ai Studio interface showing a machine learning pipeline progress map and relationship map.

**Progress map:** Displays the status of various pipeline steps. Solid black dots represent completed steps: "Read dataset", "Split holdout data", "Read training data", "Preprocessing", and "Model selection". A purple dot labeled "P1" is connected to "Model selection". A dashed line leads from "Model selection" to a purple dot labeled "Selected algorithm 2". From "Selected algorithm 2", dashed lines lead to three more purple dots: "P5", "Hyperparameter optimization", and "Feature engineering". From "Hyperparameter optimization", dashed lines lead to "P6" and "P7". From "Feature engineering", dashed lines lead to "P8" and "Ensemble creation". A purple dot labeled "P3" is connected to "Ensemble creation". A purple dot labeled "P2" is connected to "Ensemble creation". A purple dot labeled "P4" is connected to "Ensemble creation".

**Relationship map:** A circular diagram showing relationships between components. It features a central purple dot labeled "SNAP DECISION TREE CLASSIFIER" with a blue gradient ring around it. Numerous small white circles are scattered around the perimeter, connected by lines to the central dot and to each other, representing the connections between the pipeline steps.

**Pipeline leaderboard:** A table showing the performance of different pipelines. The columns are:

Rank	Name	Algorithm	Accuracy (Optimized) Cross Validation	Enhancements	Build time
1	Crop1_ML	SNAP DECISION TREE CLASSIFIER	95.0%	High	13 minutes

IBM Watsonx.ai Studio

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<https://au-syd.dai.cloud.ibm.com/ml/auto-ml/35163996-8933-41b8-abc6-5cf8c8e15eea/train?projectid=0963315f-3a7a-4559-9916-e335f6ba366e&context=cpdaas>

Projects / crop1 / crop1\_ML

Experiment summary Pipeline comparison

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

Read dataset Split holdout data Read training data Preprocessing Model selection

P5 Hyperparameter optimization P6 Feature engineering P7 Hyperparameter optimization P8 Ensemble creation P9

8 PIPELINES GENERATED

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

Time elapsed: 17 minutes

View log Save code

Pipeline leaderboard

Rank ↑	Name	Algorithm	Specialization ↑↓	Accuracy (Optimized) Cross Validation	Enhancements	Build time
1	Pipeline 6	Snap Random Forest Classifier	HPO-1	0.981		00:00:55
2	Pipeline 5	Snap Random Forest Classifier	None	0.981		00:00:51
3	Pipeline 2	Snap Decision Tree Classifier	HPO-1	0.980		00:00:06
4	Pipeline 1	Snap Decision Tree Classifier	None	0.980		00:00:03

IBM Watson AI Studio

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<https://au-syd.dai.cloud.ibm.com/ml/auto-ml/35163996-8933-41b8-abc6-5cf8c8e15eea/train?projectid=0963315f-3a7a-4559-9916-e335f6ba366e&context=cpdaas>

Projects / crop1 / crop1\_ML

Experiment summary Pipeline comparison

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

Progress map

Prediction column: label

Relationship map

Swap view

Experiment completed

8 PIPELINES GENERATED

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

Time elapsed: 17 minutes

View log Save code

Pipeline leaderboard

Rank	Name	Algorithm	Specialization	Accuracy (Optimized) Cross Validation	Enhancements	Build time
1	P1	Snap Decision Tree Classifier		95.0%		17m 12s
2	P2	Hyperparameter optimization		94.0%		17m 12s
3	P3	Feature engineering		93.0%		17m 12s
4	P4	Hyperparameter optimization		92.0%		17m 12s
5	P5	Snap Random Forest Classifier		91.0%		17m 12s
6	P6	Hyperparameter optimization		90.0%		17m 12s
7	P7	Feature engineering		89.0%		17m 12s
8	P8	Hyperparameter optimization		88.0%		17m 12s
9	P9	Ensemble creation		87.0%		17m 12s

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<https://au-syd.dai.cloud.ibm.com/ml/auto-ml/35163996-8933-41b8-abc6-5cf8c8e15eea/train?projectid=0963315f-3a7a-4559-9916-e335f6ba366e&context=cpdaas>

Projects / crop1 / crop1\_ML

Experiment summary Pipeline comparison

Relationship map

Prediction column: label

FEATURE TRANSFORMERS

PIPLINES

TOP ALGORITHMS

Crop\_recommendati...

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

Progress map

Swap view

Experiment completed

8 PIPELINES GENERATED

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

Time elapsed: 17 minutes

View log

Save code

Pipeline leaderboard

Rank ↑	Name	Algorithm	Specialization	Accuracy (Optimized) Cross Validation	Enhancements	Build time
1	ML Pipeline 1	Random Forest	Classification	95.0%	High	10m 30s
2	ML Pipeline 2	Decision Tree	Classification	94.0%	Medium	8m 50s
3	ML Pipeline 3	Support Vector Machine	Classification	93.0%	Low	7m 45s
4	ML Pipeline 4	Naive Bayes	Classification	92.0%	Medium	6m 30s
5	ML Pipeline 5	K-Nearest Neighbors	Classification	91.0%	Low	5m 15s
6	ML Pipeline 6	Logistic Regression	Classification	90.0%	Medium	4m 45s
7	ML Pipeline 7	Random Forest	Classification	89.0%	Low	4m 15s
8	ML Pipeline 8	Decision Tree	Classification	88.0%	Medium	3m 45s

Screenshot of the IBM Watsonx.ai Studio interface showing the Experiment summary and Pipeline leaderboard sections.

**Experiment summary:**

- Project: Projects / crop1 / crop1\_ML
- Experiment name: Pipeline comparison
- Rank by: Accuracy (Optimized) | Cross validation score
- Time elapsed: 17 minutes
- Visual representation: A circular chart with several points connected by dashed lines, labeled "Crop\_recommendati..."
- Log and code options: View log, Save code

**Pipeline leaderboard:**

Rank	Name	Algorithm	Specialization	Accuracy (Optimized) Cross Validation	Enhancements	Build time	Actions
1	<a href="#">Pipeline 6</a>	<span>○</span> Snap Random Forest Classifier		0.981	HPO-1	00:00:55	<a href="#">Save as</a>
2	<a href="#">Pipeline 5</a>	<span>○</span> Snap Random Forest Classifier		0.981	None	00:00:51	
3	<a href="#">Pipeline 2</a>	<span>○</span> Snap Decision Tree Classifier		0.980	HPO-1	00:00:06	
4	<a href="#">Pipeline 1</a>	<span>○</span> Snap Decision Tree Classifier		0.980	None	00:00:03	

Screenshot of the IBM Watsonx.ai Studio interface showing a machine learning pipeline named "crop1\_ML".

The interface includes:

- A top navigation bar with tabs for "All Links.docx - Google Docs", "GMT20250722-122620\_Reco", "cloud.ibm - Search", "Service Details - IBM Cloud", "IBM Watsonx.ai Studio", "Settings | IBM Watsonx.ai Studio", and a "+" button.
- A search bar: "Search in your workspaces".
- User information: "Divyanshu Roy's Account" and "Sydney".
- An "Experiment summary" section featuring a circular progress bar labeled "Crop\_recommendati..." with several colored dots (white, blue, purple) indicating different stages or components.
- A success message: "★ Rank by: A Saved Model successfully. P6 - Snap Random Forest Classifier: crop1\_ML was successfully saved to crop1. View in project".
- A "Pipeline leaderboard" section with the following table:

Rank	Name	Algorithm	Specialization	Accuracy (Optimized) Cross Validation	Enhancements	Build time
1	Pipeline 6	○ Snap Random Forest Classifier		0.981	HPO-1	00:00:55
2	Pipeline 5	○ Snap Random Forest Classifier		0.981	None	00:00:51
3	<a href="#">Pipeline 2</a>	○ Snap Decision Tree Classifier		0.980	HPO-1	00:00:06
4	<a href="#">Pipeline 1</a>	○ Snap Decision Tree Classifier		0.980	None	00:00:03

IBM watsonx.ai Studio

Search in your workspaces

Upgrade

Divyanshu Roy's Account

Sydney

Promote to space

About this asset

Name

P6 - Snap Random Forest Classifier: crop1\_ML

Description

No description provided.

Asset Details

Type: wml-hybrid\_0.1

Model ID: af50f67c-c8e9-4fa0-b253-c9eb85ab2905

Software specification:

hybrid\_0.1

Hybrid pipeline software specifications:

autoai-kb\_rt24.1-py3.11

Tags

Add tags to make assets easier to find.

Last modified

19 seconds ago by Divyanshu Roy

Created on

Jul 25, 2025 by Divyanshu Roy

Column	Type
humidity	double
K	double
N	double
P	double
ph	double
rainfall	double
temperature	double

All Links.docx - Google Docs | cloud.ibm - Search | GMT20250722-122620\_Reco | Service Details - IBM Cloud | P6 - Snap Random Forest Cl | Settings | IBM watsonx.ai Studio | +

https://au-syd.dai.cloud.ibm.com/ml-runtime/models/af50f67c-c8e9-4fa0-b253-c9eb85ab2905?project\_id=0963315f-3a7a-4559-9916-e335f6ba366e&context=cp...

IBM watsonx.ai Studio | Search in your workspaces | Upgrade | ? | 🔔 | Divyanshu Roy's Account | Sydney | DR

Projects / crop1 / P6 - Snap Random Forest Classifier: crop1\_ML

Inp Promote to space

Promote the asset to a deployment space to deploy the asset or to support a deployment.

Target deployment space

Select or create a space

Create a new deployment space

Go to the model in the space after promoting it

Description (Optional)

Description of assets

Find or create tags

Selected assets (1)

Name	Format	Version	Status
P6 - Snap Random Forest Classifier...	Model	Current	Queued

Promoting an asset promotes dependent assets as well. For example, promoting a model also promotes the associated software specification and package extensions. You will see all promoted assets in the target space.

Cancel Promote

2.3 MB 17.6 MB

The screenshot shows a 'Promote to space' dialog box in the IBM Watsonx.ai Studio interface. The dialog is titled 'Promote to space' and contains the following information:

- Target deployment space:** A dropdown menu labeled 'Select or create a space' with an option to 'Create a new deployment space'. There is also a checkbox to 'Go to the model in the space after promoting it'.
- Description (Optional):** A text input field for 'Description of assets'.
- Find or create tags:** A dropdown menu for selecting tags.
- Selected assets (1):** A table showing one asset: 'P6 - Snap Random Forest Classifier...' (Model, Version Current, Status Queued).
- Note:** A message stating: "Promoting an asset promotes dependent assets as well. For example, promoting a model also promotes the associated software specification and package extensions. You will see all promoted assets in the target space."
- Buttons:** 'Cancel' and 'Promote'.

All Links.docx - Google Docs | cloud.ibm - Search | GMT20250722-122620 | Service Details - IBM Cloud | P6 - Snap Random Forest Cl... | Settings | IBM watsonx.ai Studio

https://au-syd.dai.cloud.ibm.com/ml-runtime/models/af50f67c-c8e9-4fa0-b253-c9eb85ab2905?project\_id=0963315f-3a7a-4559-9916-e335f6ba366e&context=cp...

IBM watsonx.ai Studio | Search in your workspaces | Upgrade | ? | 🔔 | Divyanshu Roy's Account | Sydney | DR

Inp Promote to space

Promote the asset to a deployment space to deploy the asset or to support a deployment

Create a deployment space

Use a space to collect assets in one place to create, run, and manage deployments

Why + New Local file

Define details

The space "crop1\_deployment" is being created.

Step 1 of 1. Creating deployment space.

Deployment stage ⓘ

Select or enter a name that describes the purpose of the space

Cancel Creating... 2.8 Kbps 54.1 Kbps

A screenshot of the IBM Watsonx.ai Studio interface. The main title bar shows multiple tabs open, including 'All Links.docx - Google Docs', 'cloud.ibm - Search', 'GMT20250722-122620', 'Service Details - IBM Cloud', 'P6 - Snap Random Forest Cl...', and 'Settings | IBM watsonx.ai Studio'. Below the tabs, the URL https://au-syd.dai.cloud.ibm.com/ml-runtime/models/af50f67c-c8e9-4fa0-b253-c9eb85ab2905?project\_id=0963315f-3a7a-4559-9916-e335f6ba366e&context=cp... is visible. The main workspace has a dark background with light-colored UI elements. A central modal dialog is open under the heading 'Promote to space'. It contains instructions to 'Promote the asset to a deployment space to deploy the asset or to support a deployment' and 'Create a deployment space' (described as 'Use a space to collect assets in one place to create, run, and manage deployments'). A sidebar on the left lists columns like 'humid', 'K', 'N', 'P', 'ph', 'rainfall', and 'temp'. On the right, there are status indicators for network speed: '2.8 Kbps' and '54.1 Kbps'. The modal also includes sections for 'Define details' (with a note 'The space "crop1\_deployment" is being created.' and 'Step 1 of 1. Creating deployment space.'), 'Deployment stage' (with a dropdown menu), and a 'Cancel' button at the bottom right.

All Links.docx - Google Docs | cloud.ibm - Search | GMT20250722-122620\_Reco | Service Details - IBM Cloud | P6 - Snap Random Forest Cl | Settings | IBM watsonx.ai Studio | +

https://au-syd.dai.cloud.ibm.com/ml-runtime/models/af50f67c-c8e9-4fa0-b253-c9eb85ab2905?project\_id=0963315f-3a7a-4559-9916-e335f6ba366e&context=cp...

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Projects / crop1 / P6 - Snap Random Forest Classifier: crop1\_ML

Inp | Promote to space

Promote the asset to a deployment space to deploy the asset or to support a deployment.

Target deployment space: crop1\_deployment

Selected assets (1)

Name	Format	Version	Status
P6 - Snap Random Forest Classifier...	Model	Current	Queued

Promoting an asset promotes dependent assets as well. For example, promoting a model also promotes the associated software specification and package extensions. You will see all promoted assets in the target space.

Why don't I see all of my spaces? ⓘ

Go to the model in the space after promoting it

Description (Optional)

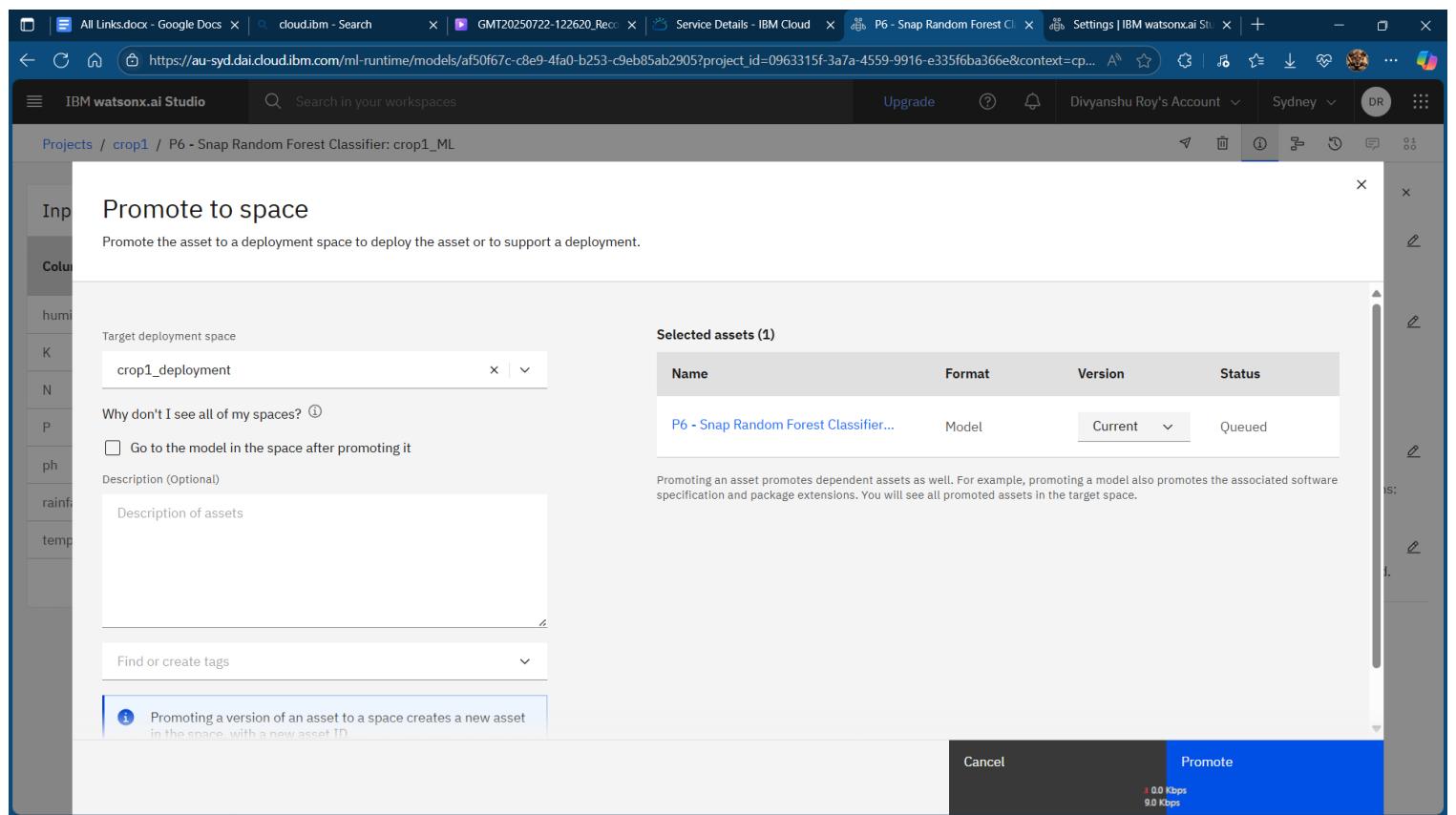
Description of assets

Find or create tags

ⓘ Promoting a version of an asset to a space creates a new asset in the space, with a new asset ID.

Cancel | Promote

0.0 Kbps | 9.0 Kbps



The screenshot shows the IBM Watsonx.ai Studio interface. The top navigation bar includes tabs for 'All Links.docx - Google Docs', 'cloud.ibm - Search', 'GMT20250722-122620', 'Service Details - IBM Cloud', 'crop1\_deployment — Space', 'Settings | IBM watsonx.ai Studio', and a '+' button. The main title is 'crop1\_deployment'. The left sidebar has sections for 'Deployment spaces /' and 'crop1\_deployment'. The main content area is titled 'crop1\_deployment' and contains tabs for 'Overview', 'Assets' (which is selected), 'Deployments', 'Jobs', and 'Manage'. A search bar says 'Search in your workspaces' and there are buttons for 'Upgrade', '?', 'Bell', 'Divyanshu Roy's Account', 'Sydney', and 'DR'. Below the tabs is a 'Find assets' search bar and buttons for 'Import assets' and 'New asset'. On the left, there's a sidebar with '1 asset' (All assets) and 'Asset types' (Models). The main table lists one asset: 'P6 - Snap Random Forest Classifier: crop1\_ML' (Machine learning model from AutoAI), last modified 15 seconds ago, and categorized as a Service. At the bottom, there are pagination controls for 'Items per page: 20' and '1–1 of 1 items', along with a '1 of 1 pages' indicator.

The screenshot shows the IBM Watsonx.ai Studio interface, specifically the Assets section for the deployment space 'crop1\_deployment'. The page title is 'crop1\_deployment — Space'.

The main content area displays a table titled 'All assets' with one item listed:

Name	Last modified
P6 - Snap Random Forest Classifier: crop1_ML Machine learning model from AutoAI	15 seconds ago Service

On the left sidebar, under 'Asset types', there is a 'Models' section showing 1 item. The URL at the bottom of the page is: [https://au-syd.dai.cloud.ibm.com/ml-runtime/models/54e276cc-6f67-40ed-80e5-29bf93294178?space\\_id=d48f0459-e952-4264-8631-51b5c1eb1b40&context=cpdaas](https://au-syd.dai.cloud.ibm.com/ml-runtime/models/54e276cc-6f67-40ed-80e5-29bf93294178?space_id=d48f0459-e952-4264-8631-51b5c1eb1b40&context=cpdaas)

Screenshot of the IBM WatsonX.ai Studio interface showing the 'Create a deployment' process.

The main page shows:

- Deployment spaces / crop1\_deployment / P6 - Snap Random Forest Classifier: crop1\_ML
- Associated asset: P6 - Snap Random Forest Classifier: crop1\_ML
- Deployment type: Online (selected)
- Name: Deployment name
- Serving name: Deployment serving name

A modal dialog box is displayed in the center:

**No watsonx.ai Runtime service instance associated with your space**

Associate a watsonx.ai Runtime service instance with your space on the space settings page, then create a new deployment. [Learn more](#).

Buttons: Cancel, Go to space settings

At the bottom right of the main interface, there is a progress bar and a Create button.

All Links.docx - Google Docs | cloud.ibm - Search | GMT20250722-122620\_Reco | Service Details - IBM Cloud | crop1\_deployment — Space | Settings | IBM watsonx.ai Studio | +

https://au-syd.dai.cloud.ibm.com/ml-runtime/spaces/d48f0459-e952-4264-8631-51b5c1eb1b40/manage/settings?context=cpdaas

IBM watsonx.ai Studio | Search in your workspaces | Upgrade | ? | 🔔 | Divyanshu Roy's Account | Sydney | DR | More

Deployment spaces /

## crop1\_deployment

Overview Assets Deployments Jobs Manage

**Space**

**General**

- Access control
- Environments
- Resource usage

Description  
No description provided.

Space GUID  
d48f0459-e952-4264-8631-51b5c1eb1b40

Date created  
Jul 25, 2025, 10:30 AM by Divyanshu Roy (You)

Stage  
Not provided

Tags  
No tags are set to this space.

**Controls**

Cloud Pak for Data platform ⓘ

Switch platform ➡

Name  
Cloud Object Storage-mv

Bucket  
b00055a8-8147-4119-9e0f-744d00364542

Manage in IBM Cloud

watsonx.ai Runtime service ⓘ

Associate instance +

Favorites

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https://au-syd.dai.cloud.ibm.com/ml-runtime/spaces/d48f0459-e952-4264-8631-51b5c1eb1b40/manage/settings?context=cpdaas

IBM watsonx.ai Studio | Search in your workspaces | Upgrade | ? | 🔔 | Divyanshu Roy's Account | Sydney | DR | More

Deployment spaces /

## crop1\_deployment

Overview Assets Deployments Jobs Manage

**Space**

**General**

- Access control
- Environments
- Resource usage

Description  
No description provided.

Space GUID  
d48f0459-e952-4264-8631-51b5c1eb1b40

Date created  
Jul 25, 2025, 10:30 AM by Divyanshu Roy (You)

Stage  
Not provided

Tags  
No tags are set to this space.

**Controls**

Cloud Pak for Data platform ⓘ

Switch platform ↗

Name  
Cloud Object Storage-mv

Bucket  
b00055a8-8147-4119-9e0f-744d00364542

Manage in IBM Cloud

watsonx.ai Runtime service ⓘ Cancel Save

Select or create an instance

Create a new watsonx.ai Runtime service +

watsonx.ai Runtime-bp

Watsonx.ai Runtime service

Name: Cloud Object Storage-mv

Bucket: b00055a8-8147-4119-9e0f-744d00364542

Manage in IBM Cloud

watsonx.ai Runtime service

Create a new watsonx.ai Runtime service

watsonx.ai Runtime-bp

All Links.docx - Google Docs | cloud.ibm - Search | GMT20250722-122620 | Service Details - IBM Cloud | crop1\_deployment — Space | Settings | IBM watsonx.ai Studio | +

https://au-syd.dai.cloud.ibm.com/ml-runtime/spaces/d48f0459-e952-4264-8631-51b5c1eb1b40/overview?context=cpdaas

IBM watsonx.ai Studio | Search in your workspaces | Upgrade | ? | 🔍 | 🌐 | ⚙️ | Divyanshu Roy's Account | Sydney | DR | ⋮

Deployment spaces /

## crop1\_deployment

Overview Assets Deployments Jobs Manage

**Jump back in**

P6 - Snap Random Forest Classifier: crop1\_ML  
1 minute ago

[View all \(1\)](#)

**Deployments** All ▾

Deployed	Failed
0	0

[View deployments](#)

**Job runs**

Active	Failed last 24 hours
0	0

[View jobs](#)

**Space history**

ⓘ No notifications  
You will see your most recent notifications here.

IBM watsonx.ai Studio

All Links.docx - Google Docs | cloud.ibm - Search | GMT20250722-122620\_Reco | Service Details - IBM Cloud | P6 - Snap Random Forest Cl | Settings | IBM watsonx.ai Studio | +

https://au-syd.dai.cloud.ibm.com/ml-runtime/models/54e276cc-6f67-40ed-80e5-29bf93294178?space\_id=d48f0459-e952-4264-8631-51b5c1eb1b40&context=cp...

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Deployment spaces / crop1\_deployment / P6 - Snap Random Forest Classifier: crop1\_ML

Create a deployment

Define details

Associated asset: P6 - Snap Random Forest Classifier: crop1\_ML

Deployment type:

**Online** (selected) Run the model on data in real-time, as data is received by a web service.

**Batch** Run the model against data as a batch process.

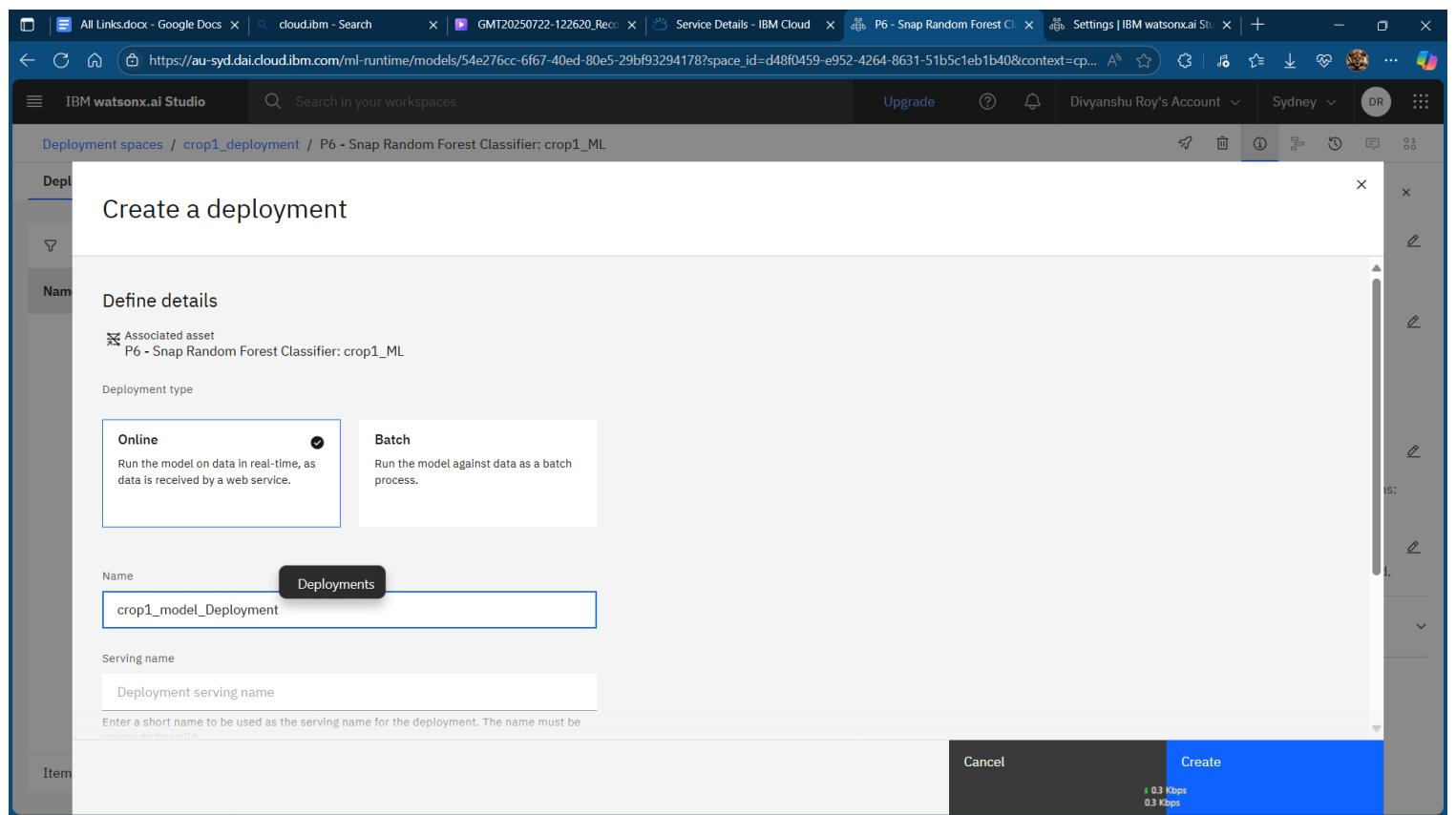
Name: **Deployments** **crop1\_model\_Deployment**

Serving name: Deployment serving name

Enter a short name to be used as the serving name for the deployment. The name must be

Cancel Create

0.3 Kbps  
0.3 Kbps



All Links.docx - Google Docs | cloud.ibm - Search | GMT20250722-122620 | Service Details - IBM Cloud | P6 - Snap Random Forest Cl | Settings | IBM watsonx.ai Studio | +

https://au-syd.dai.cloud.ibm.com/ml-runtime/models/54e276cc-6f67-40ed-80e5-29bf93294178/deployments?space\_id=d48f0459-e952-4264-8631-51b5c1eb1b4...

IBM watsonx.ai Studio | Search in your workspaces | Upgrade | ? | 🔔 | Divyanshu Roy's Account | Sydney | DR | ...

Deployment spaces / crop1\_deployment / P6 - Snap Random Forest Classifier: crop1\_ML

Deployments Model details

Name	Type	Status	Tags	Last modified
crop1_model_Deployment	Online	Initializing		4 seconds ago Divyanshu Roy (You)

New deployment

About this asset

**Name**: P6 - Snap Random Forest Classifier: crop1\_ML

**Description**: No description provided.

**Asset Details**: Type: wml-hybrid\_0.1, Model ID: 54e276cc-6f67-40..., 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, Created on Jul 25, 2025 by Divyanshu Roy

Items per page: 20 | 1–1 of 1 items | 1 of 1 pages |

Screenshot of the IBM Watsonx.ai Studio interface showing deployment details.

The URL in the browser is: [https://au-syd.dai.cloud.ibm.com/ml-runtime/models/54e276cc-6f67-40ed-80e5-29bf93294178/deployments?space\\_id=d48f0459-e952-4264-8631-51b5c1eb1b4...](https://au-syd.dai.cloud.ibm.com/ml-runtime/models/54e276cc-6f67-40ed-80e5-29bf93294178/deployments?space_id=d48f0459-e952-4264-8631-51b5c1eb1b4...)

The page displays the following information:

- Deployment spaces / crop1\_deployment / P6 - Snap Random Forest Classifier: crop1\_ML**
- Deployments** (selected) and **Model details**
- Search** bar
- New deployment** button
- Table of Deployments:**

Name	Type	Status	Tags	Last modified
crop1_model_Deployment	Online	Deployed		27 seconds ago Divyanshu Roy (You)
- About this asset** section:
  - Name:** P6 - Snap Random Forest Classifier: crop1\_ML
  - Description:** No description provided.
  - Asset Details:** Type: wml-hybrid\_0.1, Model ID: 54e276cc-6f67-40..., 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, Created on Jul 25, 2025 by Divyanshu Roy
- Items per page:** 20, **1–1 of 1 items**, **1 of 1 pages**

All Links.docx - Google Docs | cloud.ibm - Search | GMT20250722-122620 | Service Details - IBM Cloud | P6 - Snap Random Forest Cl | Settings | IBM watsonx.ai Studio | +

https://au-syd.dai.cloud.ibm.com/ml-runtime/models/54e276cc-6f67-40ed-80e5-29bf93294178/deployments?space\_id=d48f0459-e952-4264-8631-51b5c1eb1b4...

IBM watsonx.ai Studio | Search in your workspaces | Upgrade | Divyanshu Roy's Account | Sydney | DR

Deployment spaces / crop1\_deployment / P6 - Snap Random Forest Classifier: crop1\_ML

Deployments Model details

Name	Type	Status	Tags	Last modified
<a href="#">crop1_model_Deployment</a>	Online	✓ Deployed	Add tags +	27 seconds ago Divyanshu Roy (You)

New deployment

About this asset

**Name**  
P6 - Snap Random Forest Classifier: crop1\_ML

**Description**  
No description provided.

**Asset Details**  
Type: wml-hybrid\_0.1  
Model ID: 54e276cc-6f67-40...  
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

Created on  
Jul 25, 2025 by Divyanshu Roy

Items per page: 20 | 1–1 of 1 items | 1 of 1 pages |

au-syd.dai.cloud.ibm.com/ml-runtime/deployments/53e6b527-ab9a-40c8-aa5b-c88c593fde...

The screenshot shows the deployment details for 'crop1\_model\_Deployment'. The deployment is currently online and ready to accept requests. The 'Notifications' section indicates this status. The 'About this deployment' panel shows the deployment's name ('crop1\_model\_Deployment'), which has no description provided. Deployment details include the ID '53e6b527-ab9a-40c8-aa5b-c88c593fdea1', serving name 'No serving name', software specification 'hybrid\_0.1', and hybrid pipeline software specifications 'autoai-kb\_rt24.1-py3.11'. A single copy is listed. The 'Associated asset' panel shows a file named 'P6 - Snap Random Forest Classifier: crop1\_ML /' with the ID '54e276cc-6f67-40ed-80e5-29bf93294178'. The file was last modified 60 seconds ago and created on the same time. The main content area displays endpoints for scoring, including private and public URLs, and code snippets for cURL, Java, JavaScript, Python, and Scala.

Deployment spaces / crop1\_deployment / P6 - Snap Random Forest Classifier: crop1\_ML /

**crop1\_model\_Deployment** Deployed Online

**API reference** Test

**Endpoints for scoring**

Private endpoint: <https://private.au-syd.ml.cloud.ibm.com/v4/deployments/53e6b527-ab9a-40c8-aa5b-c88c593fdea1/predictions?version=2021-05-01>

Public endpoint: <https://au-syd.ml.cloud.ibm.com/v4/deployments/53e6b527-ab9a-40c8-aa5b-c88c593fdea1/predictions?version=2021-05-01>

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/api-key)
export API_KEY=<your API key>

export IAM_TOKEN=$(curl --insecure -X POST --location "https://iam.cloud.ibm.com/identity/token" \
--header "Content-Type: application/x-www-form-urlencoded" \
--header "Accept: application/json" \
--data-urlencode "grant_type=urn:ibm:params:oauth:grant-type:apikey" \
--data-urlencode "client_id=$API_KEY" \
--data-urlencode "client_secret=$API_SECRET" \
https://au-syd.dai.cloud.ibm.com/notifications?context=cpdaas|jq -r '.access_token')
```

**Notifications**

Online deployment ready  
The online deployment crop1\_model\_Deployment in space crop1\_deployment is ready to accept requests.  
Today 10:34 AM

**About this deployment**

Name: crop1\_model\_Deployment

Description: No description provided.

**Deployment Details**

Deployment ID: 53e6b527-ab9a-40c8-aa5b-c88c593fdea1

Serving name: No serving name.

Software specification: hybrid\_0.1

Hybrid pipeline software specifications: autoai-kb\_rt24.1-py3.11

Copies: 1

**Tags**

Add tags to make assets easier to find.

**Associated asset**

P6 - Snap Random Forest Classifier: crop1\_ML /  
54e276cc-6f67-40ed-80e5-29bf93294178

Last modified: 60 seconds ago  
Created on: 60 seconds ago

Screenshot of the IBM Watsonx.ai Studio deployment details page for 'crop1\_model\_Deployment'.

The page shows the deployment status as "Deployed" and "online".

**API reference** tab is selected, showing:

- Endpoints for scoring**:
  - Private endpoint: <https://private.au-syd.ml.cloud.ibm.com/v4/deployments/53e6b527-ab9a-40c8-aa5b-c88c593fdea1/predictions>
  - Public endpoint: <https://au-syd.ml.cloud.ibm.com/v4/deployments/53e6b527-ab9a-40c8-aa5b-c88c593fdea1/predictions?version=2021-05-01>
- A "Copy to clipboard" button is available for both endpoints.
- Code snippets** section provides examples for cURL, Java, JavaScript, Python, and Scala.

**About this deployment** sidebar:

- Name**: crop1\_model\_Deployment
- Description**: No description provided.
- Deployment Details**: Deployment ID: 53e6b527-ab9a-40c8-aa5b-c88c593fdea1, Serving name: No serving name, Software specification: hybrid\_0.1, Hybrid pipeline software specifications: autoai-kb\_rt24.1-py3.11, Copies: 1
- Tags**: Add tags to make assets easier to find.
- Associated asset**: P6 - Snap Random Forest Classifier: cr54e276cc-6f67-40ed-80e5-29bf93294178

Last modified: 60 seconds ago  
Created on: [date]

Screenshot of the IBM Watsonx.ai Studio interface showing a deployed machine learning model named "crop1\_model\_Deployment".

The interface includes:

- A top navigation bar with multiple tabs and search bars.
- An account dropdown for "Divyanshu Roy's Account" and location "Sydney".
- A main header with the deployment name and status ("Deployed online").
- A "Test" button highlighted with a blue border.
- A section titled "Enter input data" with a "Text" tab selected over "JSON".
- A table input area with columns: N (double), P (double), K (double), temperature (double), humidity (double), ph (double), rainfall (double). Rows 1 through 7 are present, with row 1 containing the placeholder "Start typing or drag and drop a CSV file...".
- Input controls: "Download CSV template", "Browse local files", "Search in space", and "Clear all".
- Feedback message: "No data found" at the bottom left.
- Predict button at the bottom right.

Screenshot of the IBM Watsonx.ai Studio interface showing a deployed machine learning model named "crop1\_model\_Deployment".

The interface includes:

- A top navigation bar with tabs for "All Links.docx - Google Docs", "cloud.ibm - Search", "GMT20250722-122620", "Service Details - IBM Cloud", "crop1\_model\_Deployment", and "Settings | IBM watsonx.ai Studio".
- A search bar and user account information for "Divyanshu Roy's Account" and "Sydney".
- A breadcrumb navigation path: Deployment spaces / crop1\_deployment / P6 - Snap Random Forest Classifier: crop1\_ML /
- A main title "crop1\_model\_Deployment" with a green "Deployed" status and "online" link.
- An "API reference" and "Test" tab, with "Test" being the active tab.
- An "Enter input data" section with "Text" and "JSON" tabs. The "Text" tab contains a table for entering data manually or via CSV. The table has columns: N (double), P (double), K (double), temperature (double), humidity (double), ph (double), and rainfall (double). Row 1 contains values: 76, 40, 43, 25.15746, 83.11713, 5.070176, and 231.3843. Rows 2 through 7 are empty.
- Buttons for "Download CSV template", "Browse local files", "Search in space", and "Clear all".
- A status message at the bottom left: "1 row, 7 columns".
- A "Predict" button at the bottom right.

All Links.docx - Google Docs | cloud.ibm - Search | GMT20250722-122620\_Reco | Service Details - IBM Cloud | crop1\_model\_Deployment | Settings | IBM watsonx.ai Studio

https://au-syd.dai.cloud.ibm.com/ml-runtime/deployments/53e6b527-ab9a-40c8-aa5b-c88c593fdea1/test?space\_id=d48f0459-e952-4264-8631-51b5c1eb1b40...

IBM watsonx.ai Studio | Search in your workspaces | Upgrade | ? | 🔔 | Divyanshu Roy's Account | Sydney | DR

Deployment spaces / crop1\_deployment / P6 - Snap Random Forest Classifier: crop1\_ML /

## Prediction results

Prediction type: Multiclass classification

Prediction percentage: 1 record

Display format for prediction results: Table view (selected) | JSON view

Show input data:

	Prediction	Confidence
1	rice	86%
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
...		

Download JSON file

1.1G Mbps  
1.1G Kbps

Screenshot of the IBM Watsonx.ai Studio interface showing the 'Access control' section for the 'crop1\_deployment' space.

The browser tab bar shows multiple open tabs, including 'All Links.docx', 'cloud.ibm - Search', 'GMT20250722-12...', 'Service Details - IBM Watson AI', 'crop1\_deployment', 'Settings | IBM wat...', 'New tab', and 'Microsoft Copilot'.

The main navigation bar includes 'IBM Watsonx.ai Studio', a search bar, 'Upgrade', a notification bell, 'Divyanshu Roy's Account', 'Sydney', and a user profile icon.

The left sidebar menu is collapsed, showing options like 'Space', 'General', 'Access control' (which is selected), 'Environments', and 'Resource usage'.

The central content area is titled 'crop1\_deployment' and has a 'Manage' tab selected. The 'Collaborators' section contains a table:

	Name	Role	
<input type="checkbox"/>	Divyanshu Roy (you) kingdivyanshuroy@gmail.com	Admin	<input type="button" value="Edit"/>

A small watermark 'IBM Watsonx.ai' is visible at the bottom right of the page.

Screenshot of the IBM Watsonx.ai Studio interface showing resource usage for the deployment space "crop1\_deployment".

The top navigation bar includes tabs for "All Links.docx", "cloud.ibm - Search", "GMT20250722-12", "Service Details", "crop1\_deployment", "Settings | IBM wat", "New tab", and "Microsoft Copilot".

The main header shows "IBM watsonx.ai Studio" and a search bar. The user is logged in as "Divyanshu Roy's Account" from "Sydney".

The left sidebar menu has sections: Space, General, Access control, Environments, and **Resource usage** (which is selected).

The main content area is titled "crop1\_deployment" and displays the "Manage" tab.

**Resource usage** section:

- Usage summary**: For this month in this space.
  - 0.33 CUH
  - 0.00 Hosting hours
- [Manage service instances](#)

**Usage by type** chart:

Type	Value
AutoAI online ...	~0.11

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