

Prediction column: PMGSY\_SCHEME



Swap view  $\rightleftharpoons$

PMGSY\_DATASET.CSV

## Starting the AutoAI experiment

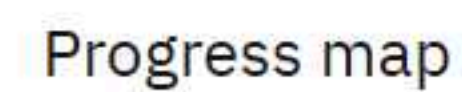
Time elapsed: 2 seconds

[View log](#)

Save code



Prediction column: PMGSY\_SCHEME



## Reading training data

PMGSY\_DATASET.CSV

### Reading training data

Time elapsed: 107 seconds

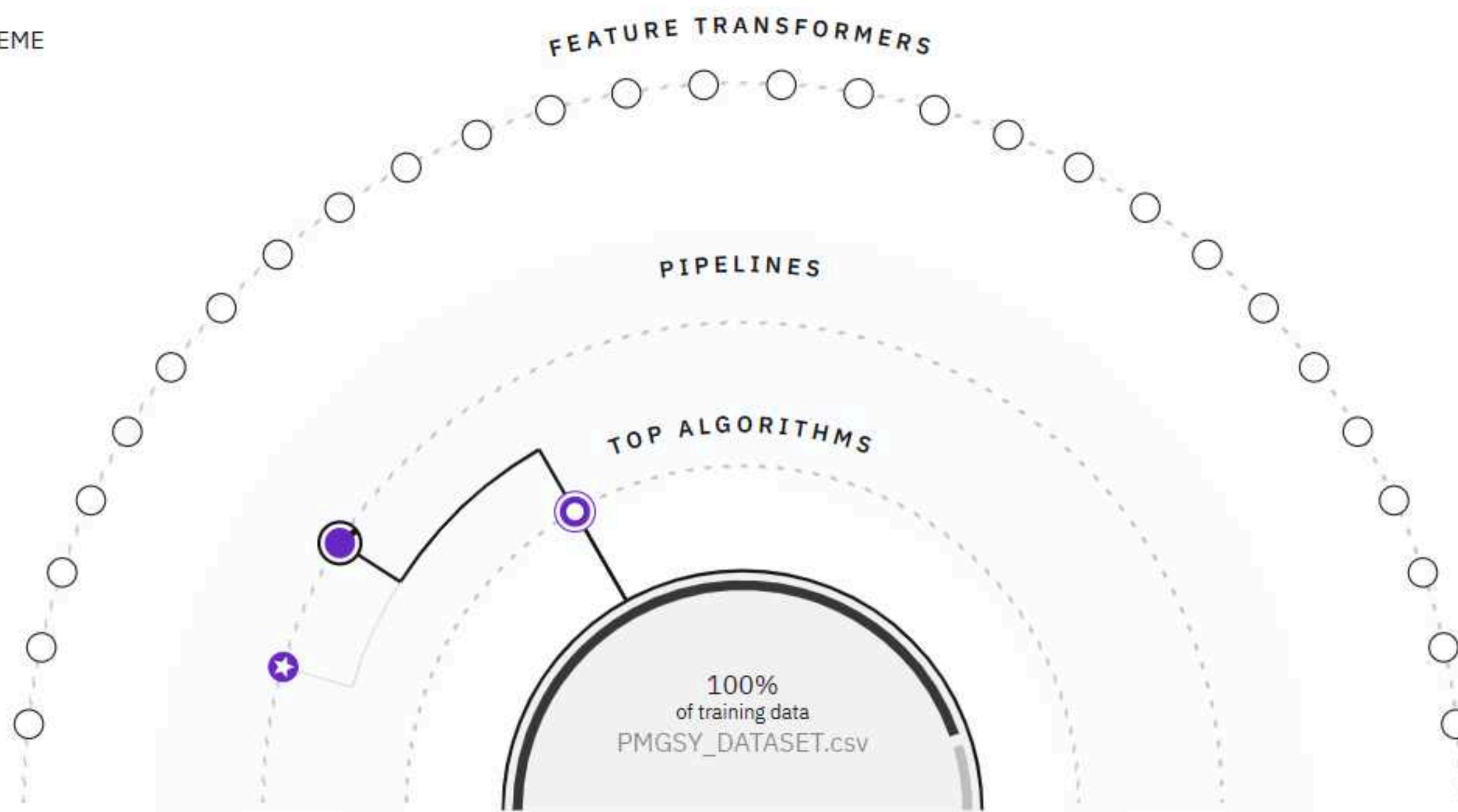
[View log](#)

Save code



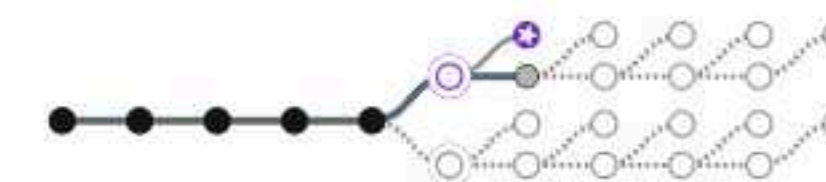
## Relationship map ⓘ

Prediction column: PMGSY\_SCHEME



## Progress map

Swap view  $\rightleftharpoons$



## Hyperparameter optimization

## SNAP RANDOM FOREST CLASSIFIER

Starting hyperparameter optimization for pipeline P2

Time elapsed: 2 minutes

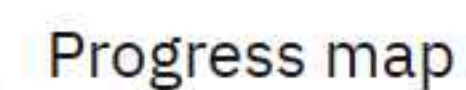
[View log](#)[Save code](#)







Prediction column: PMGSY\_SCHEME



10 PIPELINES GENERATED

Time elapsed: 5 minutes

[Save code](#)

1	2
3	4



Prediction column: PMGSY SCHEME



A diagram of a semi-circular arch structure. The arch is composed of a series of nodes (circles) and elements (arcs). The nodes are arranged in a semi-circular pattern. Some nodes are highlighted with different colors: purple, blue, and black. A specific node is highlighted with a black circle and a cross inside. The arch is supported by a central vertical column. The diagram illustrates the discretization of the arch into elements and nodes for finite element analysis.

10 PIPELINES GENERATED

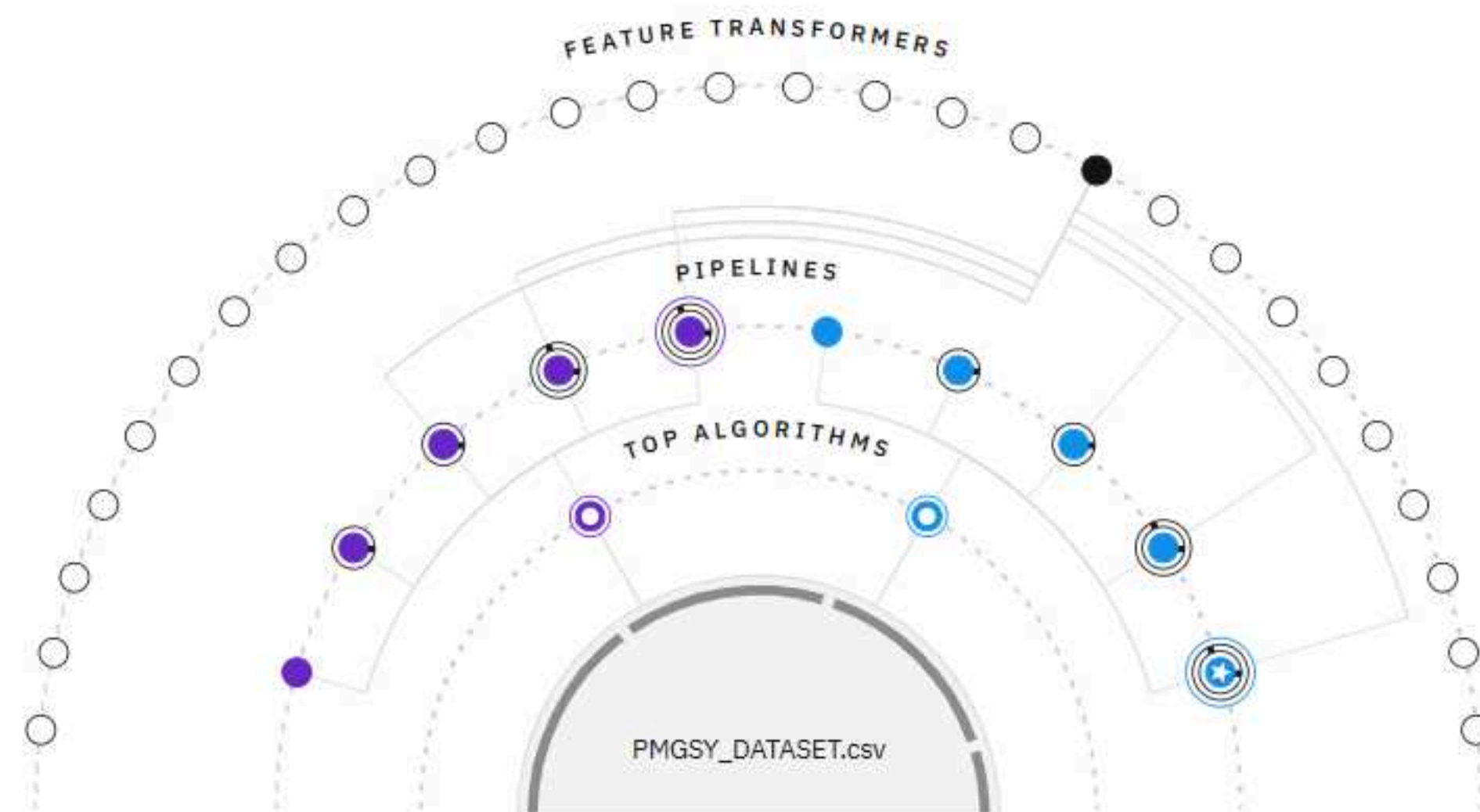
Time elapsed: 5 minutes

[Save code](#)



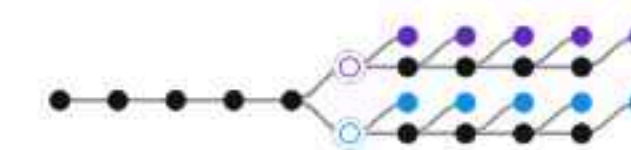
## Relationship map ⓘ

Prediction column: PMGSY\_SCHEME



## Progress map

Swap view ⇄



Experiment completed 




10 PIPELINES GENERATED

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

Time elapsed: 5 minutes

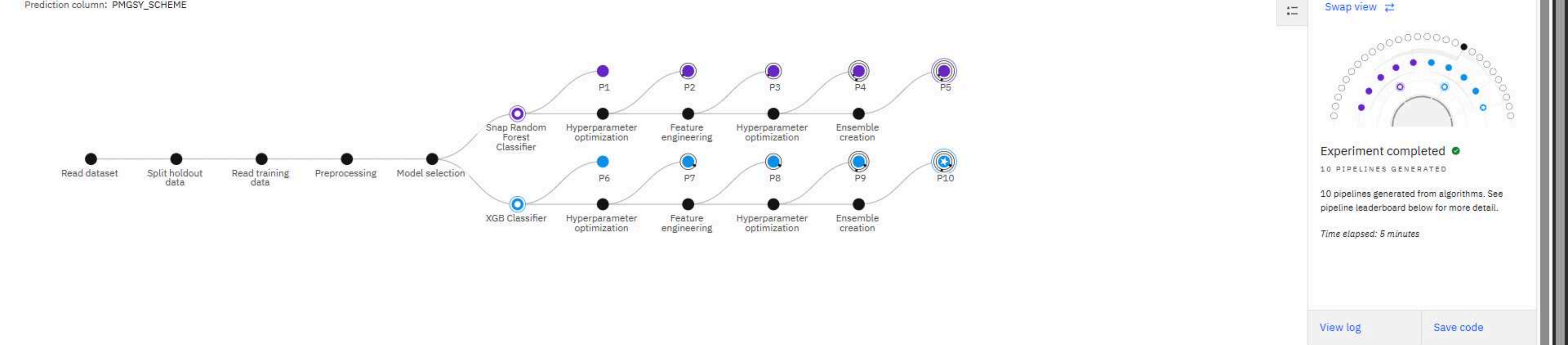
[View log](#)[Save code](#)

Pipeline leaderboard 




	Rank	↑	Name	Algorithm	Specialization	Accuracy (Optimized) Cross Validation	Enhancements	Build time
★	1		Pipeline 10	 Batched Tree Ensemble Classifier (XGB Classifier)	INCR	0.924	HPO-1 FE HPO-2 BATCH	00:01:48
	2		Pipeline 9	 XGB Classifier		0.924	HPO-1 FE HPO-2	00:01:44
	3		Pipeline 8	 XGB Classifier		0.924	HPO-1 FE HPO-2	00:01:46



Progress map ⓘ Relationship map



Pipeline leaderboard 

	Rank	↑	Name	Algorithm	Specialization	Accuracy (Optimized) Cross Validation	Enhancements	Build time
★	1		Pipeline 10	 Batched Tree Ensemble Classifier (XGB Classifier)	INCR	0.924	HPO-1 FE HPO-2 BATCH	00:01:48
	2		Pipeline 9	 XGB Classifier		0.924	HPO-1 FE HPO-2	00:01:44
	3		Pipeline 8	 XGB Classifier		0.924	HPO-1 FE	00:01:36



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Projects / PMGSY / PMGSY\_SCHEME\_Detector

Experiment summaryPipeline comparison

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

View logSave code

Pipeline leaderboard

	Rank	Name	Algorithm	Specialization	Accuracy (Optimized) Cross Validation	Enhancements	Build time	
★	1	Pipeline 10	Batched Tree Ensemble Classifier (XGB Classifier)	INCR	0.924	HPO-1FEHPO-2BATCH	00:01:48	Save as
	2	Pipeline 9	XGB Classifier		0.924	HPO-1FEHPO-2	00:01:44	
	3	Pipeline 8	XGB Classifier		0.924	HPO-1FE	00:01:06	
	4	Pipeline 7	XGB Classifier		0.918	HPO-1	00:00:21	

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Pradhan Mantri Gram

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eu-gb.dataplatfom.cloud.ibm.com/ml-runtime/models/3dbbd697-5232-4b7e-8a70-41725510b21f?project\_id=c6c52c52-ce9d-46d6-9859-ab8eb24b1d13&context=cpdaas

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Projects / PMGSY / Pradhan Mantri Gram Sadak Yojana (PMGSY) SCHEME Detector

Input (1)

Column	Type
COLUMN15	double
COST_OF_WORKS_SANCTIONED	double
DISTRICT_NAME	other
EXPENDITURE_OCCURED	double
LENGTH_OF_ROAD_WORK_BALANCE	double
LENGTH_OF_ROAD_WORK_COMPLETED	double
LENGTH_OF_ROAD_WORK_SANCTIONED	double
NO_OF_BRIDGES_BALANCE	double

About this asset

Name

Pradhan Mantri Gram Sadak Yojana (PMGSY) SCHEME Detector

Description

It is a Machine Learning (ML) model, Which Predict The phase of Scheme like : PMGSY-I, PMGSY-II, RCPLWEA , On The Basis of Input Such as "STATE\_NAME, DISTRICT\_NAME, NO\_OF\_ROAD\_WORK\_SANCTIONED, LENGTH\_OF\_ROAD\_WORK\_SANCTIONED, NO\_OF\_BRIDGES\_SANCTIONED, COST\_OF\_WORKS\_SANCTIONED, NO\_OF\_ROAD\_WORKS\_COMPLETED, LENGTH\_OF\_ROAD\_WORK\_COMPLETED, NO\_OF\_BRIDGES\_COMPLETED, EXPENDITURE\_OCCURED, NO\_OF\_ROAD\_WORKS\_BALANCE, LENGTH\_OF\_ROAD\_WORK\_BALANCE, NO\_OF\_BRIDGES\_BALANCE"

Asset Details

Type: wml-hybrid\_0.1

Model ID: 3dbbd697-5232-4b...

Software specification: hybrid\_0.1

Search

4

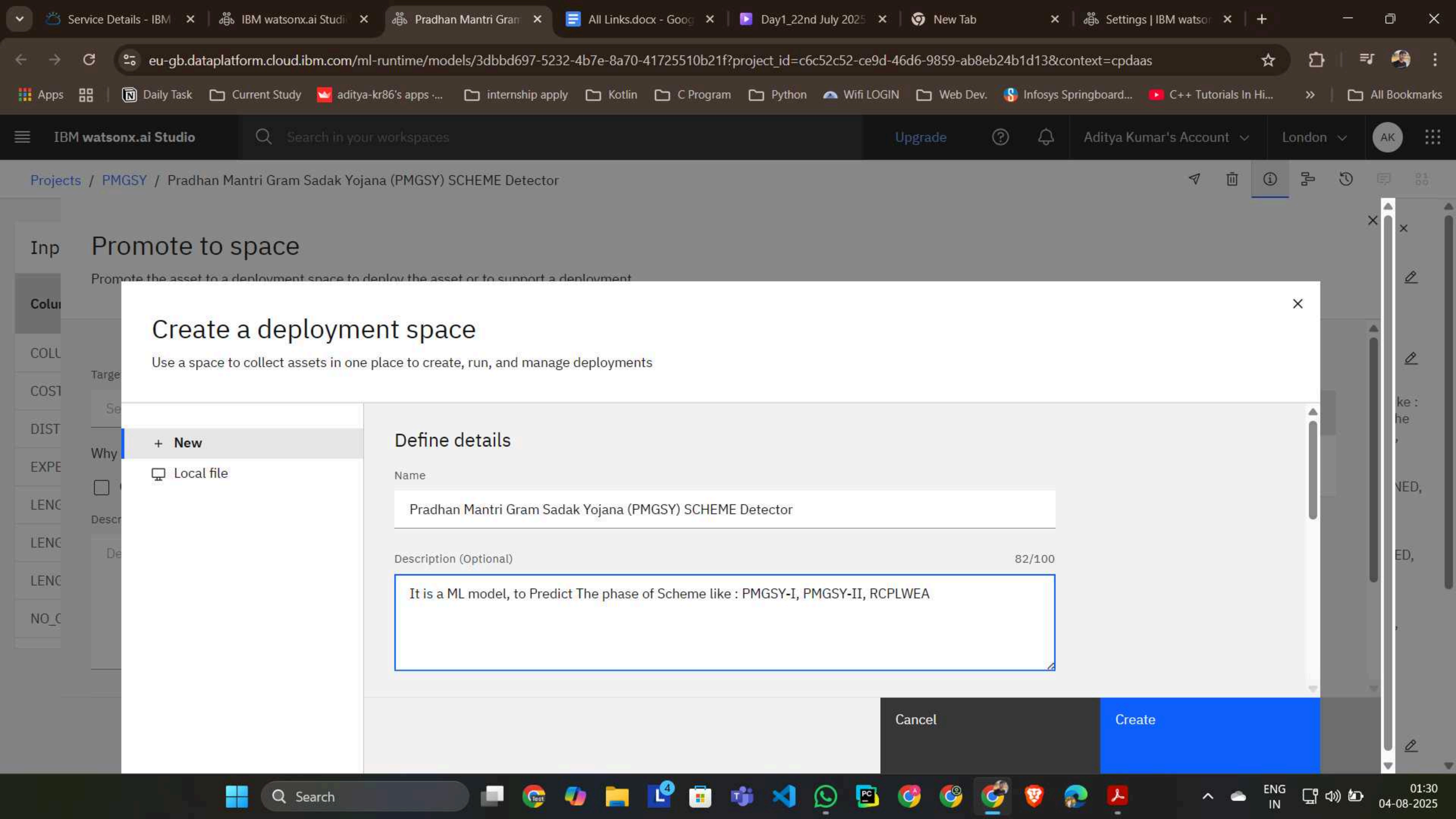
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Promote to space

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

Target deployment space

Pradhan Mantri Gram Sadak Yojana (PMGSY) SCHEME D... x v

Why don't I see all of my spaces? ⓘ

☐ Go to the model in the space after promoting it

Description (Optional)

Description of assets

Selected assets (1)

Name	Format	Version	Status
Pradhan Mantri Gram Sadak Yojana...	Model	Current v	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

Windows Taskbar

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Taskbar Icons

System Tray

01:31 04-08-2025



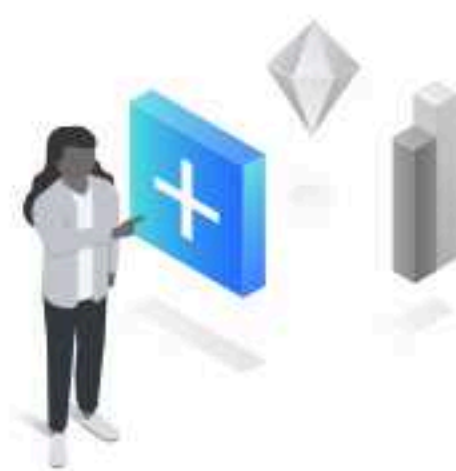
## Deployments

### Model details


 Search

## New deployment

Name	Type	Status	Tags	Last modified	
------	------	--------	------	---------------	--



This asset doesn't have any deployments yet

Use the New Deployment button to create a deployment for this asset.

Items per page: 20 ▾

0-0 of 0 items

1 of 1 pages

### About this asset

Name

Pradhan Mantri Gram Sadak Yojana  
(PMGSY) SCHEME Detector

### Description

It is a Machine Learning (ML) model, Which Predict The phase of Scheme like : PMGSY-I, PMGSY-II, RCPLWEA , On The Basis of Input Such as "STATE\_NAME, DISTRICT\_NAME, NO\_OF\_ROAD\_WORK\_SANCTIONED, LENGTH\_OF\_ROAD\_WORK\_SANCTIONED, NO\_OF\_BRIDGES\_SANCTIONED, COST\_OF\_WORKS\_SANCTIONED, NO\_OF\_ROAD\_WORKS\_COMPLETED, LENGTH\_OF\_ROAD\_WORK\_COMPLETED, NO\_OF\_BRIDGES\_COMPLETED, EXPENDITURE\_OCCURED, NO\_OF\_ROAD\_WORKS\_BALANCE, LENGTH\_OF\_ROAD\_WORK\_BALANCE, NO OF BRIDGES BALANCE"

### Asset Details

Type: wml-hybrid\_0.1

Model ID: 8b2e3f82-a9df-48...

Software specification:

hybrid\_0.1 




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

+ **New**

 Local file

## Define details

Name \_\_\_\_\_

Pradhan Mantri Gram Sadak Yojana (PMGSY) SCHEME Detector

Description (Optional)

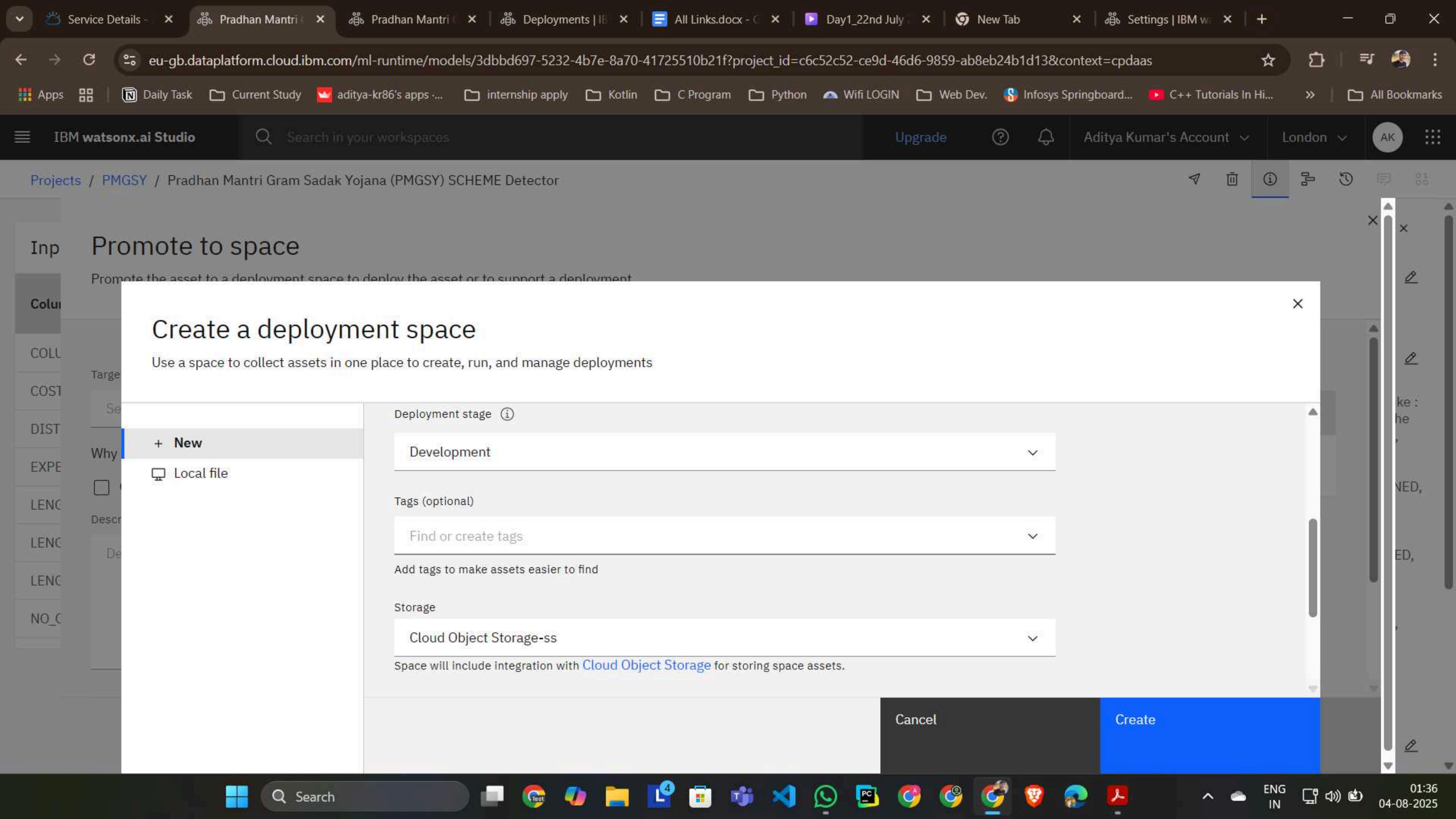
85/100

It is a ML model, Which Predict The phase of Scheme like : PMGSY-I, PMGSY-II, RCPLWEA

Cancel

Create





## Create a deployment space

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

+ New

Local file

Deployment stage ⓘ

Development

Tags (optional)

Find or create tags

Add tags to make assets easier to find

Storage

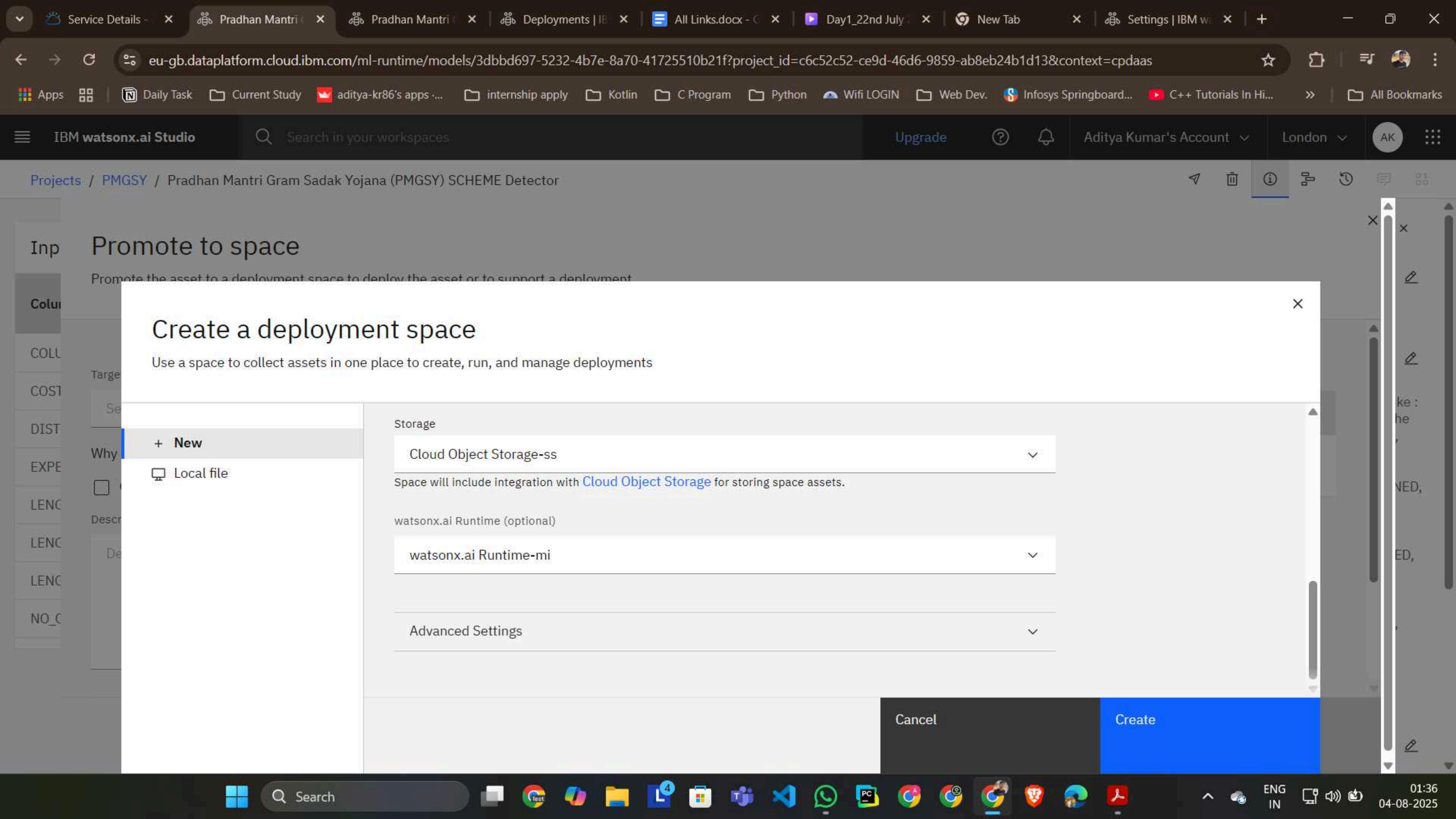
Cloud Object Storage-ss

Space will include integration with [Cloud Object Storage](#) for storing space assets.

Cancel

Create







Promote to space

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

Target deployment space

Pradhan Mantri Gram Sadak Yojana (PMGSY) SCHEME D... x v

Why don't I see all of my spaces? ⓘ

- ☐ Go to the model in the space after promoting it

Description (Optional)

### Description of assets

**Selected assets (1)**

Name	Format	Version	Status
Pradhan Mantri Gram Sadak Yojana...	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



## Promote to space

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

✔ Promotion completed.

### Selected assets (1)

Name	Format	Version	Status
Pradhan Mantri Gram Sadak Yojana (PMGSY) SCHE...	Model	Current	Promoted 

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.

Close



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Find assets

Import assets

New asset


1 asset

All assets

Asset types

Models

All assets

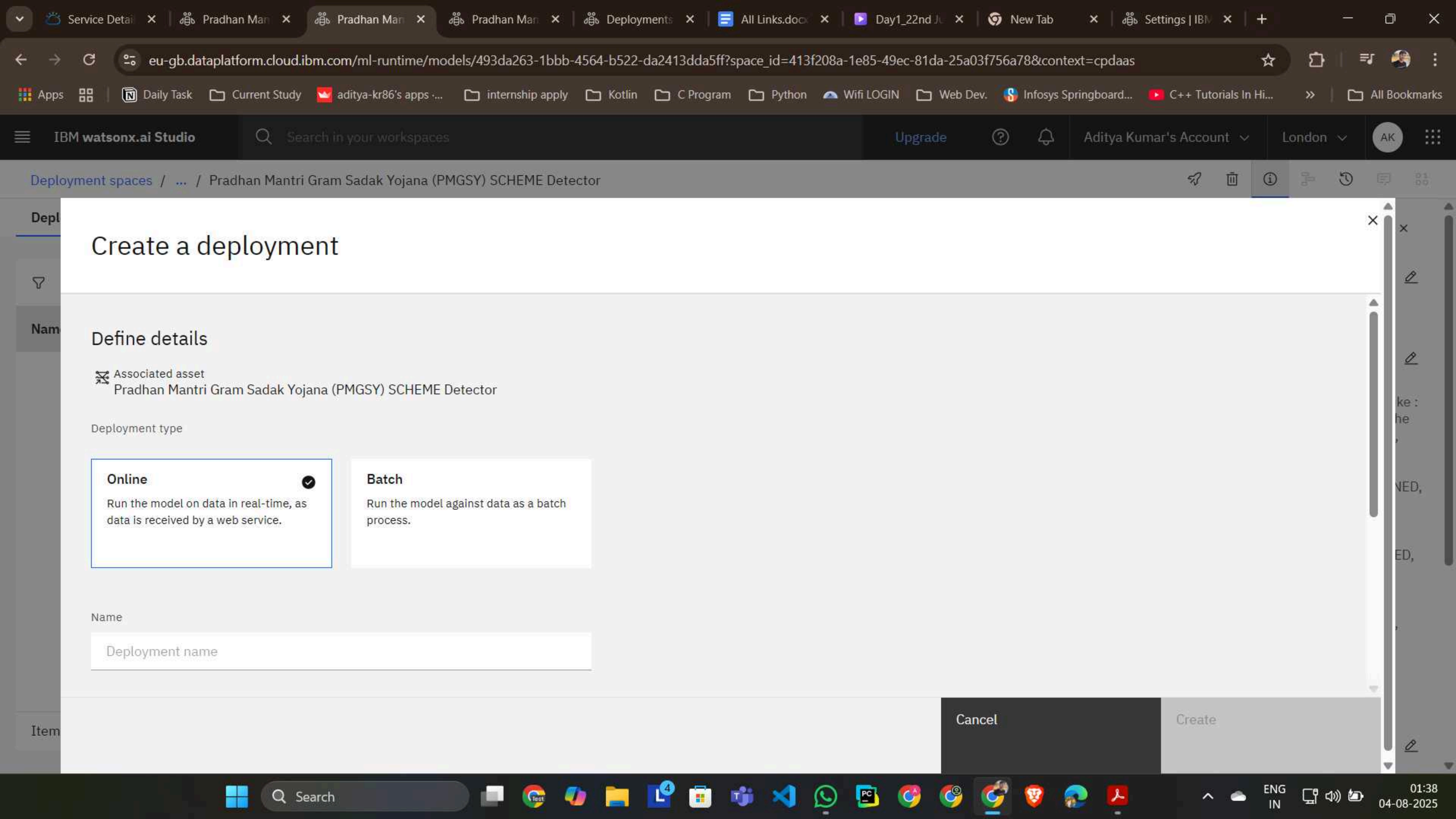
Name	Last modified
 Pradhan Mantri Gram Sadak Yojana (PMGSY) SCHEME Detector Machine learning model from AutoAI	9 seconds ago Aditya Kumar (You)

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

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01:37 04-08-2025





## Create a deployment

### Define details

 Associated asset  
Pradhan Mantri Gram Sadak Yojana (PMGSY) SCHEME Detector

Deployment type

#### Online



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

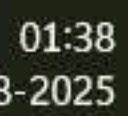
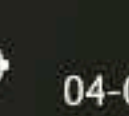
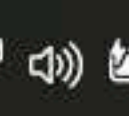
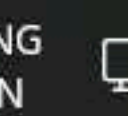
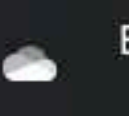
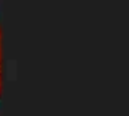
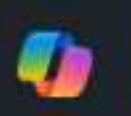
Deployment name

Cancel

Create



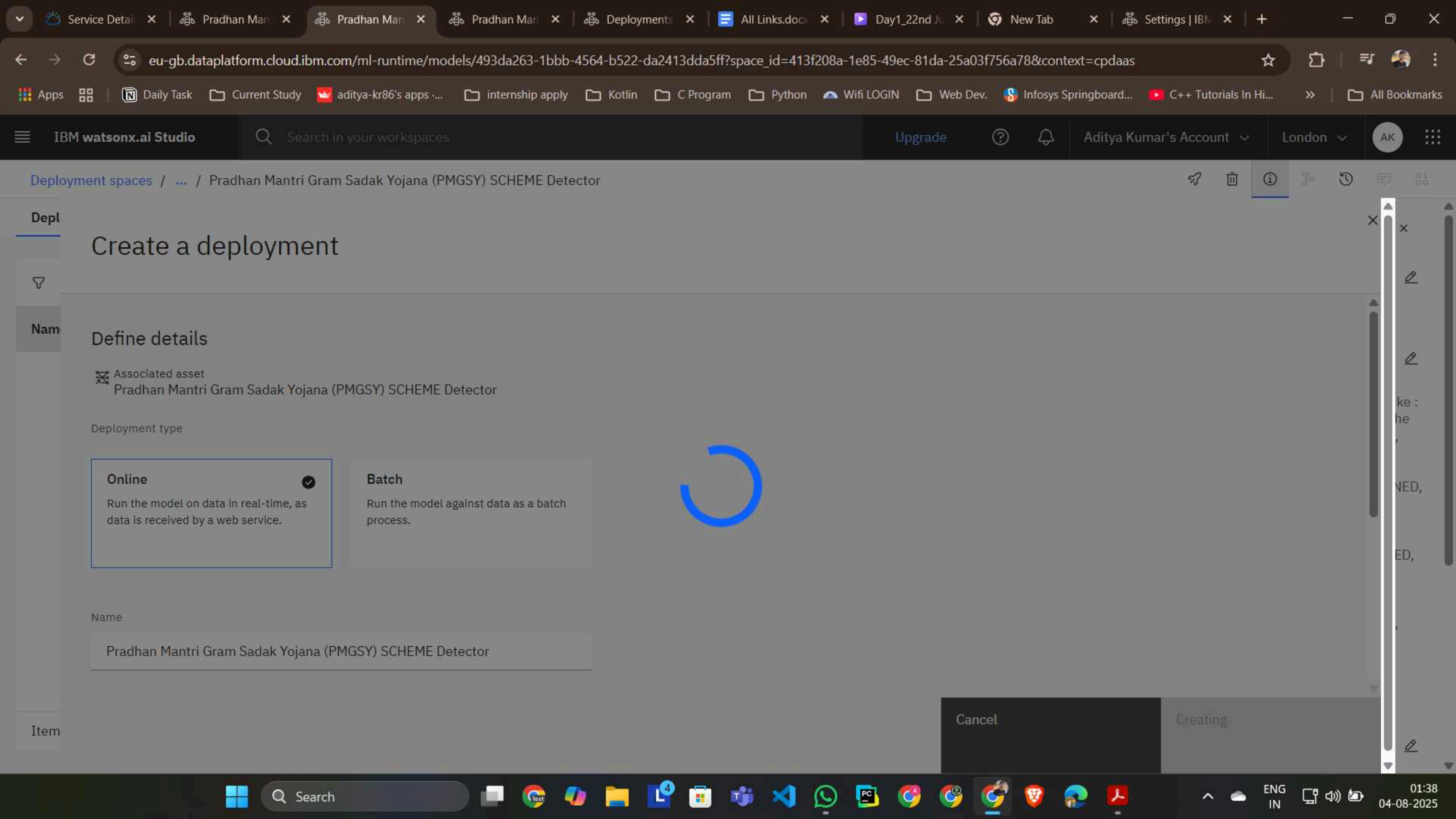
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

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DeploymentsModel details

Search

New deployment

Name	Type	Status	Tags	Last modified
 Pradhan Mantri Gram Sadak Yojana (PMGSY) SCHEME Detector	Online	 Deployed		29 seconds ago Aditya Kumar (You)

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

Online deployment ready

The online deployment [Pradhan Mantri Gram Sadak Yojana \(PMGSY\) SCHEME Detector](#) in space [Pradhan Mantri Gram Sadak Yojana \(PMGSY\) SCHEME Detector](#) is ready to accept requests

Today 1:39 AM

Description

It is a Machine Learning (ML) model, Which Predict The phase of Scheme like : PMGSY-I, PMGSY-II, RCPLWEA , On The Basis of Input Such as "STATE\_NAME, DISTRICT\_NAME, NO\_OF\_ROAD\_WORK\_SANCTIONED, LENGTH\_OF\_ROAD\_WORK\_SANCTIONED, NO\_OF\_BRIDGES\_SANCTIONED, COST\_OF\_WORKS\_SANCTIONED, NO\_OF\_ROAD\_WORKS\_COMPLETED, LENGTH\_OF\_ROAD\_WORK\_COMPLETED, NO\_OF\_BRIDGES\_COMPLETED, EXPENDITURE\_OCCURED, NO\_OF\_ROAD\_WORKS\_BALANCE, LENGTH\_OF\_ROAD\_WORK\_BALANCE, NO\_OF\_BRIDGES\_BALANCE"

Asset Details

Type: wml-hybrid\_0.1

Model ID: 493da263-1bbb-45...

Software specification: [hybrid\\_0.1](#)

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DeployedOnline

API reference

Test

Endpoints for scoring

Private endpoint

https://private.eu-gb.ml.cloud.ibm.com/ml/v4/deployments/7c9b31cc-4305-4c5c-b685-36af2fb9d4b5/predictions?version=2021-05-01

Public endpoint

https://eu-gb.ml.cloud.ibm.com/ml/v4/deployments/7c9b31cc-4305-4c5c-b685-36af2fb9d4b5/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://eu-gb.dataplatform.cloud.ibm.com/docs/)

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" \

About this deployment

Name

Pradhan Mantri Gram Sadak Yojana (PMGSY) SCHEME Detector

Description

No description provided.

Deployment Details

Deployment ID: 7c9b31cc-4305-4c...

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

Pradhan Mantri Gram Sadak Yojana (...)

493da263-1bbb-4564-b522-da2413dda5ff

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DeployedOnline

API referenceTest

Enter input data

TextJSON

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

	STATE_NAME (other)	DISTRICT_NAME (other)	NO_OF_ROAD_WORK_SANCTIONED (double)	LENGTH_OF_ROAD_WORK_SANCTIONED (double)	NO_OF_BRIDGES_SANCTIONED (double)
1	Arunachal Pradesh	Kamale	3	29.5	0
2	Bihar	Samastipur	18	152.698	10
3					
4					

2 rows, 14 columns

Predict



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Prediction resultsClose

Display format for prediction results

☒ Table view

☐ JSON view

☐ Show input data

	prediction	probability
1	PMGSY-II	[0.00008287677337648347,0.001808140310458839,0.9896488189697266,0.00842...
2	PMGSY-III	[0.000022224214262678288,0.00006230373401194811,0.00018624492804519832,...
3		
4		
5		
6		
7		
8		
9		
10		

Download JSON file

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