

TRAIN THE MODEL ON IBM CLOUD

Date	31 October 2022
TEAM ID	PNT2022TMID16853
PROJECT NAME	Car Resale value Prediction

IBM Cloud Registration

The screenshot displays the IBM Cloud dashboard interface. At the top, the browser tabs show 'IBM Cloud', 'Catalog - IBM Cloud', 'Cloud Object Storage', and 'Service Details'. The address bar shows 'cloud.ibm.com'. The dashboard header includes the 'IBM Cloud' logo, a search bar, and navigation links for 'Catalog', 'Manage', and 'JAYA Gowry M's Account'. A 'Create resource' button is visible in the top right.

The main content area is titled 'Dashboard' and features a 'For you' section with several service tiles:

- Build**: Explore IBM Cloud with this selection of easy starter tutorials and services.
- Build a web app with Watson Speech to Text**: Deploy a conversational interface compatible with any application, device, or channel. (Getting started, 15 min)
- Get Started with Watson Studio**: Get started with using AI and Cloud Object Storage in 15 minutes. (Popular, 2 hr)
- Build a Virtual Private Cloud (VPC)**: Upgrade to a paid account to create your own protected space in the IBM Cloud. (Getting started, 7 min)
- IBM Watson Knowledge Catalog**: Help your data (easily find, prep, understand and data they need enterprise data governance platform). (Recommendation)

The bottom of the image shows a Windows taskbar with various application icons and system information, including the date '13-11-2022' and time '23:08'.

Train The model On IBM

The screenshot shows the IBM Cloud 'Resource list' page. The browser tabs include 'IBM', 'IBM Cloud', 'Resource list - IBM', 'Cloud Object Stor...', 'Service Details - II', and 'Service Details - II'. The address bar shows 'cloud.ibm.com/resources'. The page header includes 'IBM Cloud', 'Catalog', 'Manage', and 'JAYA Gowry M's Account'. A 'Create resource' button is in the top right. The main content is a table with columns: Name, Group, Location, Product, Status, and Tags. A search bar with 's' is active. The table lists resources under 'Storage' and 'AI / Machine Learning' categories.

Name	Group	Location	Product	Status	Tags
Storage (1 / 1)					
Cloud Object Storage-ql	Default	Global	Cloud Object Storage	Active	-
AI / Machine Learning (2 / 2)					
Watson Machine Learning-yt	Default	Dallas	Watson Machine Lear...	Active	-
Watson Studio-bf	Default	Dallas	Watson Studio	Active	-

The screenshot shows the IBM Watson Studio dashboard. The browser tabs include 'SET', 'Ho', 'Unt', 'abc', 'Tra', 'Qui', 'PV', 'Ho', 'Ins', 'IBM', 'Ser', 'IBM', 'See', 'Ser', 'IBM', 'AD'. The address bar shows 'dataplatfom.cloud.ibm.com/home2?context=cpdaas&apps=data_science_experience&nocache=true&quick_start_target=data_s...'. The page header includes 'IBM Watson Studio', 'Search in your workspaces', 'Buy', 'JAYA Gowry M's Account', and 'Dallas'. The main content area has a 'Welcome, Jaya!' message and three sections: 'Take a tutorial', 'Work with data', and 'Learn what's new'. Below these are 'Quick start' links, 'Projects' (showing 'Car Resale Value Prediction'), 'Notifications' (showing 'No notifications'), and 'Deployments' (showing 'No deployment spaces').

Welcome, Jaya!

Take a tutorial
Step through implementing a Data fabric use case in a sample project.

Work with data
Create a project for your team to prepare data, find insights, or build models.

Learn what's new
Stay current with new features, enhancements, and other changes.

Quick start

- Create data pipelines with DataStage
- Build customer profiles with IBM Match 360 with Watson
- Catalog and govern data with Watson Knowledge Catalog

Projects

- Car Resale Value Prediction Today at 09:19 PM

Notifications

No notifications
You will see your most recent notifications here.

Deployments

No deployment spaces
After you create spaces, you'll see them here.

New deployment space

Deployments / Car_Resale_Value_Model /

CRVP

Model details

[New Deployment](#)

DEPLOYMENT TYPES		1 Online Deployment(s)		
		Name	Status	Last modified
Online	(1)			
Batch	(0)	CRVP	Deployed	Oct 30, 2022, 2:22 PM

Created
Oct 30, 2022, 2:22 PM

Type
scikit-learn_1.0

Model ID
8852c589-045d-4e0e-a2cb-8f58...

Software specification
runtime-22.1-py3.9

Description
No description provided.

Tags
Add tags to make assets easier to find.

Integrate flask with scoring end point

```
Projects / Car Resale Value Prediction / car-resale-value-prediction-LGBM

In [27]: model_id = wml_client.repository.get_model_id(model_details)
         model_id

Out[27]: '8852c589-045d-4e0e-a2cb-8f58f3b4648'

In [28]: # Set meta
         deployment_props = {
             wml_client.deployments.ConfigurationMetadataNames.DEPLOYMENT_NAME:
             wml_client.deployments.ConfigurationMetadataNames.ONLINE, {}
         }

In [29]: # Deploy
         deployment = wml_client.deployments.create(
             artifact_id=model_id,
             meta_props=deployment_props
         )

=====
Synchronous deployment creation for uid: '8852c589-045d-4e0e-a2cb-8f58f3b4648' started
=====

Initialising
Note: online_url is deprecated and will be removed in a future release. Use serving_url instead.

ready

Successfully finished deployment creation, deployment_uid='7f67cbcd-6222-413b-9091-b2a72807ac82'
```