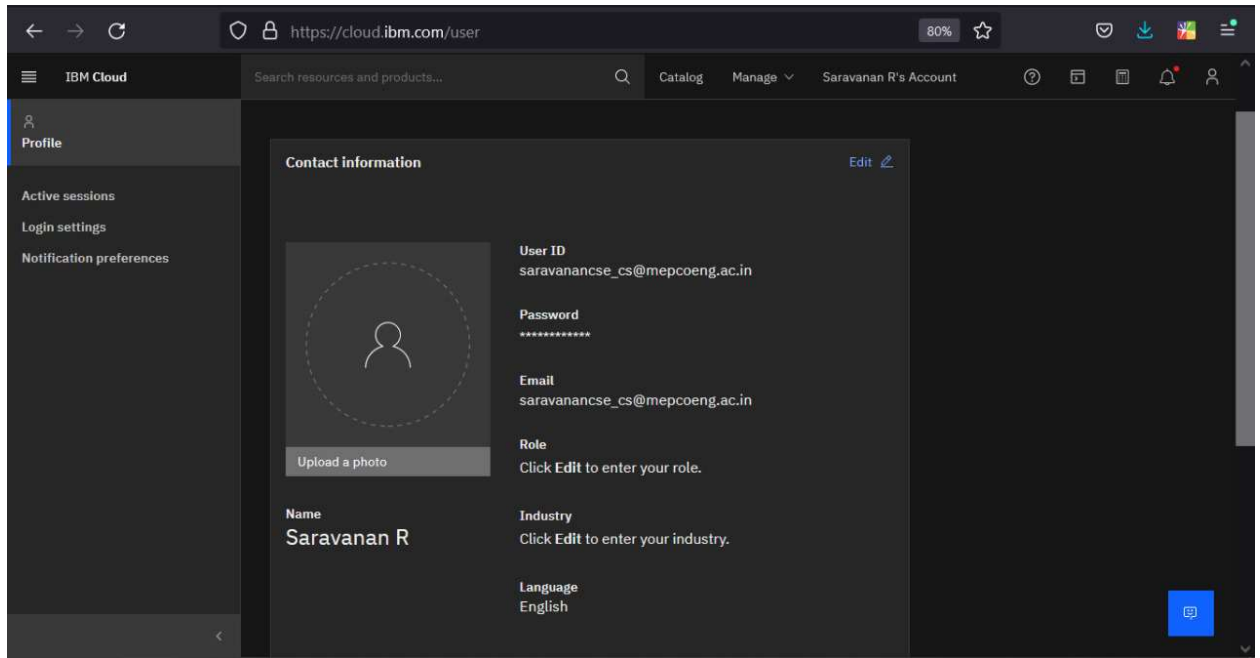
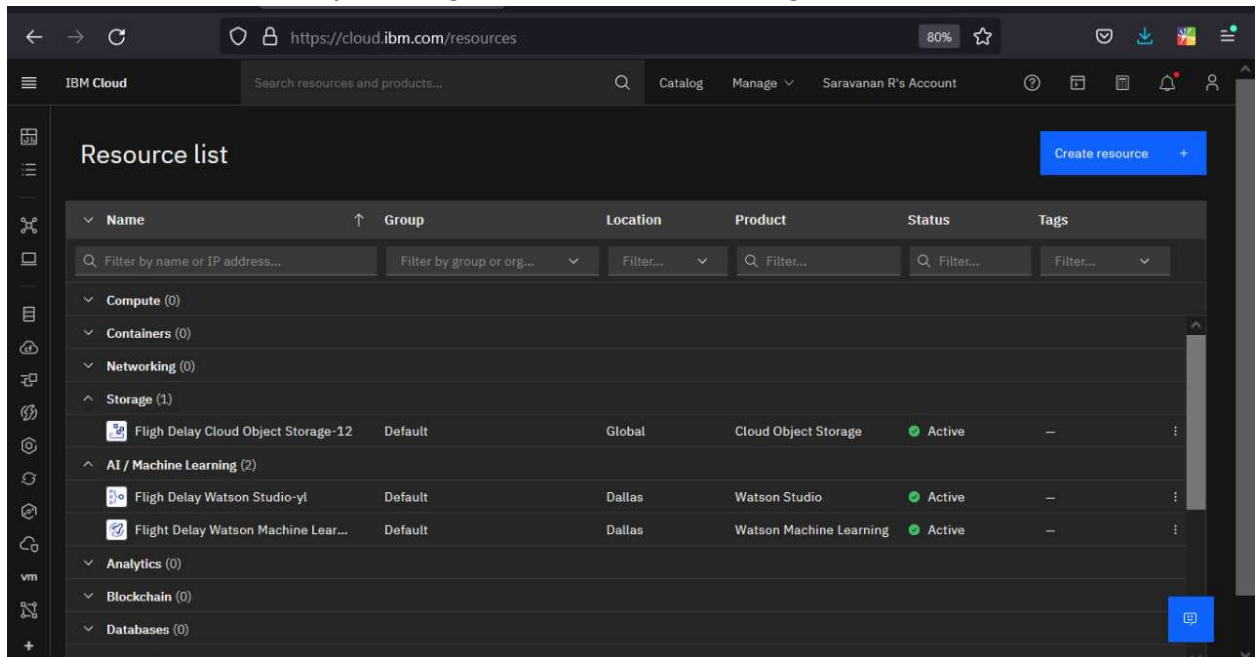


DATE	19/11/2022
TEAM ID	PNT2022TMID17945
PROJECT TITLE	Flight Delay Prediction using Machine learning

1) Cloud Account created:



2) 3 Cloud services created(object storage, Watson, machine learning)



3) IBM Watson dashboard

The screenshot shows the IBM Watson Studio dashboard. At the top, there's a navigation bar with the IBM Watson Studio logo, a search bar, and user account information (Saravanan R's Account, Dallas). The main content area features a 'Welcome, Saravanan!' message and three primary action cards: 'Take a tutorial', 'Work with data', and 'Learn what's new'. Below these, there's a 'Quick start' section with links to create data pipelines, build customer profiles, catalog and govern data, build and manage ML models, and query data anywhere. The dashboard also displays a 'Projects' list with two items: 'flight delay 3' and 'FlightDelay'. A 'Notifications' section shows two 'Online deployment ready' messages. A 'Deployments' section lists 'flightdelay_deploy' and 'flight_delay_2'. A 'New in gallery' section highlights a 'SAMPLE PROJECT' titled 'AI governance'.

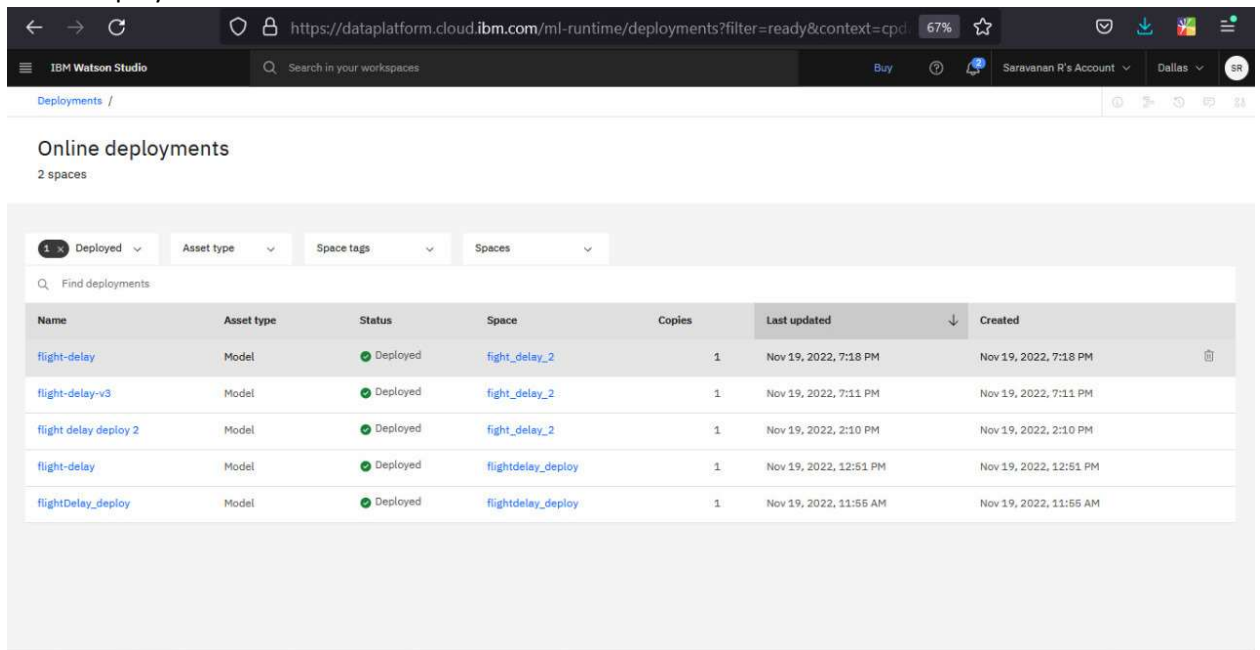
4) List of Projects

The screenshot shows the 'List of Projects' page in IBM Watson Studio. It features a search bar and a 'New project' button. The main content is a table with the following data:

<input type="checkbox"/>	Name	Date created	Your role	Collaborators
<input type="checkbox"/>	flight delay 3	3 hours ago	Admin	
<input type="checkbox"/>	FlightDelay	9 hours ago	Admin	

At the bottom, there's a pagination bar showing 'Items per page: 20', '1-2 of 2 items', and '1 of 1 pages'.

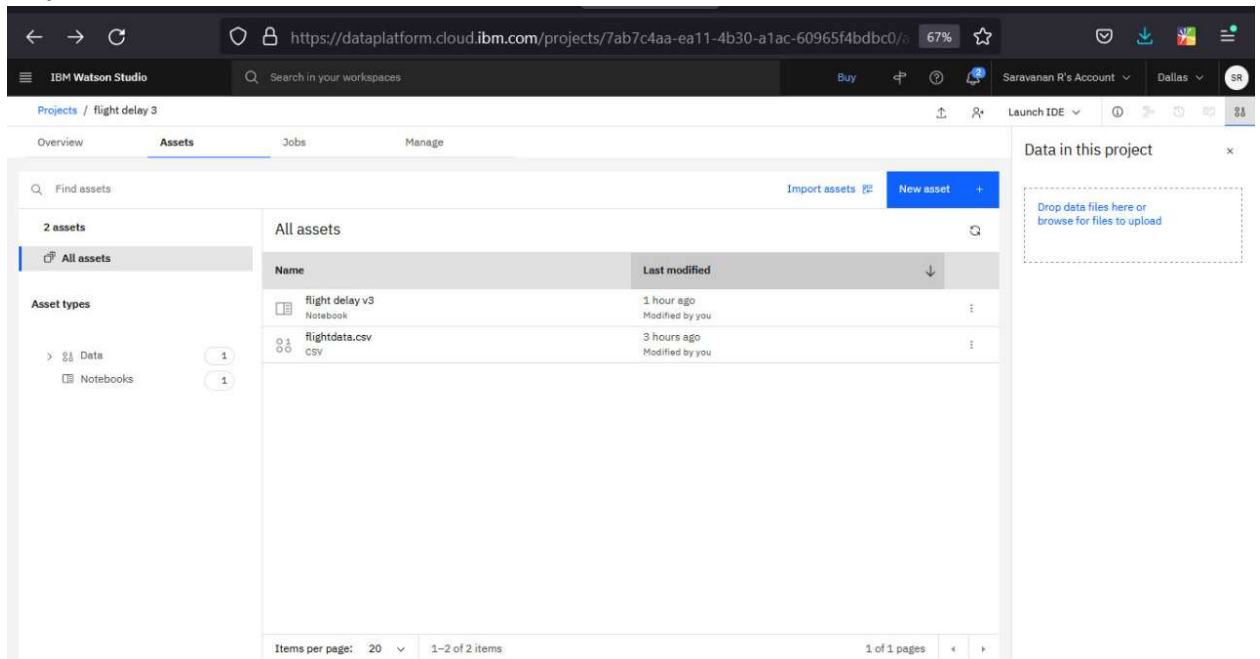
5) List of deployed models



The screenshot shows the 'Online deployments' page in IBM Watson Studio. The page title is 'Online deployments' with a subtitle '2 spaces'. Below the title, there are filters for 'Deployed' (1), 'Asset type', 'Space tags', and 'Spaces'. A search bar 'Find deployments' is present. The main table lists the following deployments:

Name	Asset type	Status	Space	Copies	Last updated	Created
flight-delay	Model	Deployed	flight_delay_2	1	Nov 19, 2022, 7:18 PM	Nov 19, 2022, 7:18 PM
flight-delay-v3	Model	Deployed	flight_delay_2	1	Nov 19, 2022, 7:11 PM	Nov 19, 2022, 7:11 PM
flight delay deploy 2	Model	Deployed	flight_delay_2	1	Nov 19, 2022, 2:10 PM	Nov 19, 2022, 2:10 PM
flight-delay	Model	Deployed	flightdelay_deploy	1	Nov 19, 2022, 12:51 PM	Nov 19, 2022, 12:51 PM
flightDelay_deploy	Model	Deployed	flightdelay_deploy	1	Nov 19, 2022, 11:55 AM	Nov 19, 2022, 11:55 AM

6) Project assets

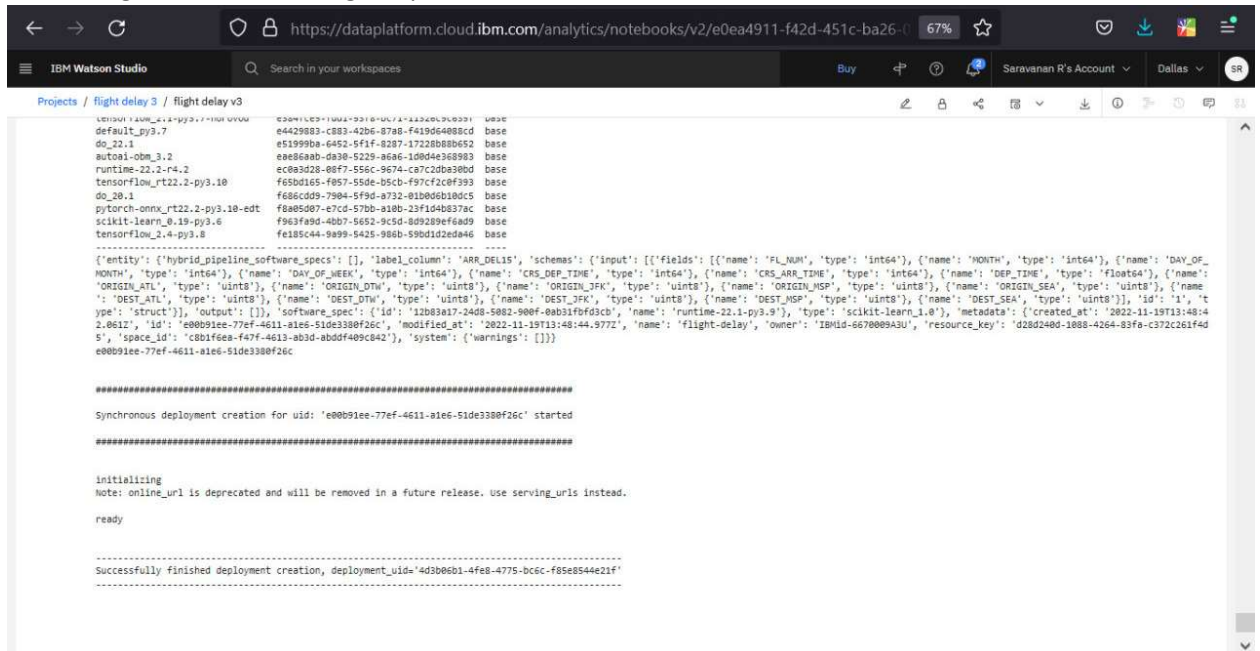


The screenshot shows the 'Project assets' page in IBM Watson Studio for the project 'flight delay 3'. The page has tabs for 'Overview', 'Assets', 'Jobs', and 'Manage'. The 'Assets' tab is active, showing a list of assets:

Name	Last modified
flight delay v3 Notebook	1 hour ago Modified by you
flightdata.csv CSV	3 hours ago Modified by you

On the left, there are filters for '2 assets' and 'Asset types' (Data: 1, Notebooks: 1). On the right, there is a 'Data in this project' section with a message: 'Drop data files here or browse for files to upload'. The bottom of the page shows 'Items per page: 20' and '1-2 of 2 items'.

7) Flask integration with Scoring endpoint



```
LEONARDO_LAMP_2.1-py3.7-1104-v1000  e204f1e9-1001-5316-0012-112206c7c031  base
default_py3.7                        e4429883-c883-42b6-87a8-f419064080cd  base
do_22.1                              e519990a-6452-5f1f-0287-172208080652  base
autoai-omn-3.2                      eae86aab-d930-5229-86a6-108046369893  base
runtime-22.2-r4.2                   ec0a3d28-08f7-556c-9674-ca7c20ba38bd  base
tensorflow_rt22.2-py3.10            f65bd165-f057-55de-b5cb-f97cf2cef393  base
do_20.1                              f686cd09-7904-5f9d-0732-01b060b10dc5  base
pytorch-omn-rt22.2-py3.10-edt       f8a85087-c7cd-570b-8100-23f1940b378c  base
scikit-learn_0.19-py3.6             f963f9bd-40b7-5652-9c5d-8d9289ef6a09  base
tensorflow_2.4-py3.8                fe185c44-9a99-5425-986b-590d1d2ed446  base
-----
{"entity": {"hybrid_pipeline_software_specs": [], "label_column": "ARR_DELAY", "schemas": [{"input": [{"fields": [{"name": "FL_NUM", "type": "int64"}, {"name": "MONTH", "type": "int64"}, {"name": "DAY_OF_MONTH", "type": "int64"}, {"name": "DAY_OF_WEEK", "type": "int64"}, {"name": "CRS_DEP_TIME", "type": "int64"}, {"name": "CRS_ARR_TIME", "type": "float64"}, {"name": "ORIGIN_ATL", "type": "uint8"}, {"name": "ORIGIN_DTW", "type": "uint8"}, {"name": "ORIGIN_JFK", "type": "uint8"}, {"name": "ORIGIN_MSP", "type": "uint8"}, {"name": "ORIGIN_SEA", "type": "uint8"}, {"name": "DEST_ATL", "type": "uint8"}, {"name": "DEST_DTW", "type": "uint8"}, {"name": "DEST_JFK", "type": "uint8"}, {"name": "DEST_MSP", "type": "uint8"}, {"name": "DEST_SEA", "type": "uint8"}]}, {"id": "1", "type": "struct"}], "output": [], "software_spec": {"id": "12b83a17-24d8-5082-900f-0ab31fbfd3cb", "name": "runtime-22.1-py3.9", "type": "scikit-learn_1.0", "metadata": {"created_at": "2022-11-19T13:48:42.061Z", "id": "e0eb91ee-77ef-4611-a1e6-51de3380f26c", "modified_at": "2022-11-19T13:48:44.977Z", "name": "flight-delay", "owner": "IBMId-6670009A3U", "resource_key": "d28d240d-3088-4264-83fe-c372c261f4d5", "space_id": "c0b1f6ea-f47f-4613-ab3d-ab0df409c842", "system": {"warnings": []}}}}
e0eb91ee-77ef-4611-a1e6-51de3380f26c

=====

Synchronous deployment creation for uid: 'e0eb91ee-77ef-4611-a1e6-51de3380f26c' started

=====

initializing
Note: online_url is deprecated and will be removed in a future release. use serving_urls instead.

ready

-----
Successfully finished deployment creation, deployment_uid='ad3b06b1-4fe8-4775-bc6c-f85e8544e21f'
-----
```