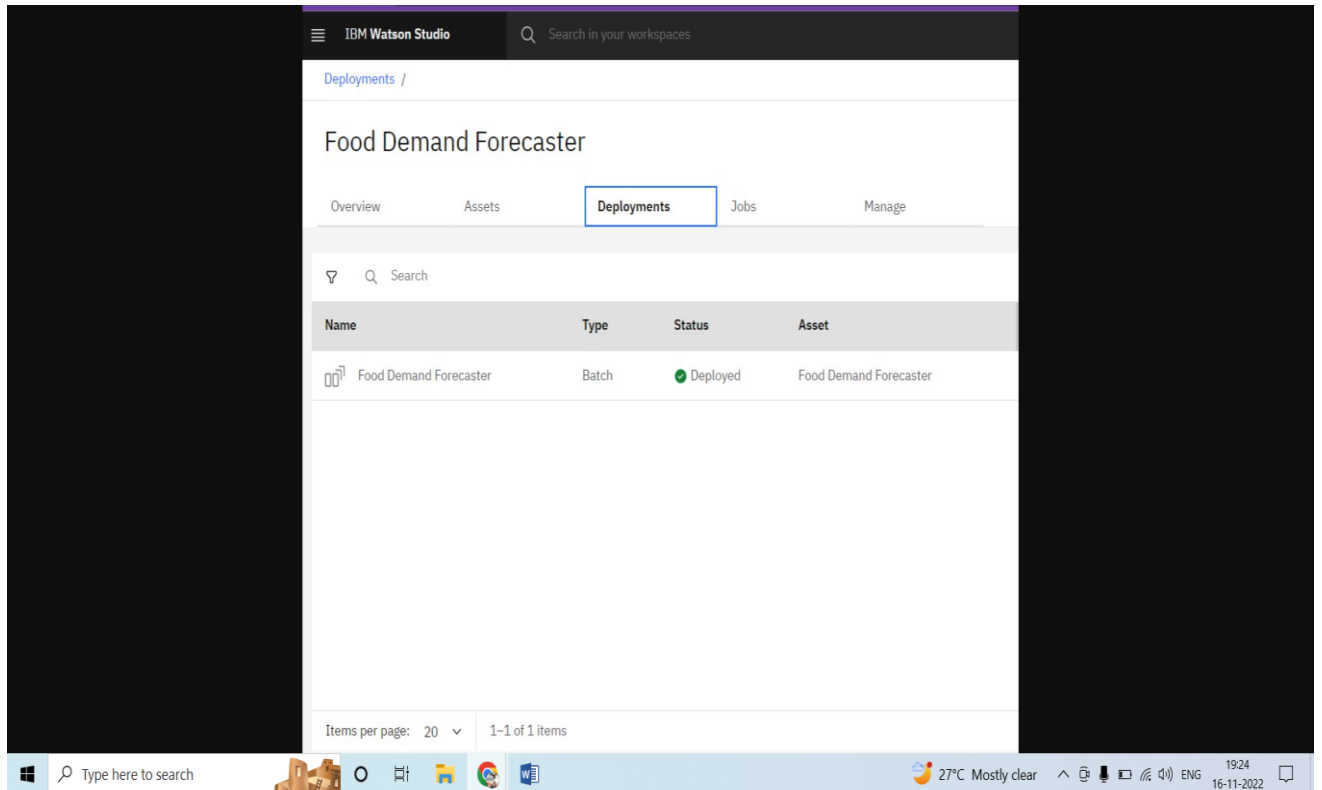


# TRAIN THE MODEL ON IBM

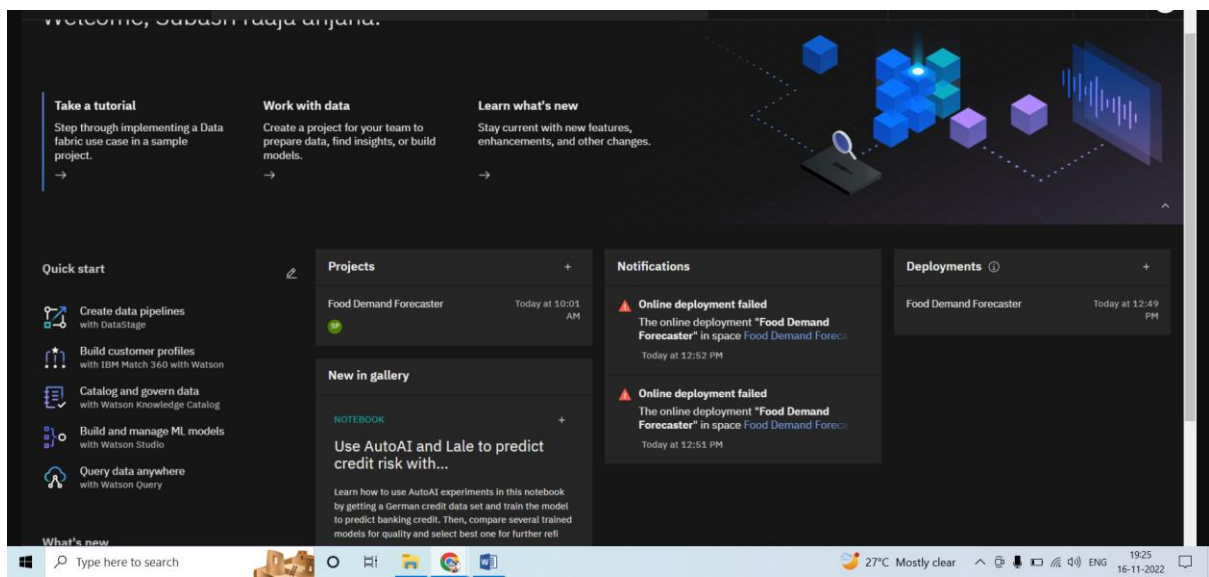
TEAM ID: PNT2022TMID25899



The screenshot shows the IBM Watson Studio interface. At the top, there's a search bar and a navigation menu. The main heading is "Food Demand Forecaster". Below it, there are tabs for "Overview", "Assets", "Deployments" (which is selected), "Jobs", and "Manage". A search bar is present below the tabs. A table lists the deployments:

Name	Type	Status	Asset
Food Demand Forecaster	Batch	Deployed	Food Demand Forecaster

At the bottom, there's a status bar showing "Items per page: 20" and "1-1 of 1 items". The Windows taskbar at the bottom shows the date as 16-11-2022 and time as 19:24.



The screenshot shows the IBM Watson Studio dashboard. It features a welcome message, a "Take a tutorial" section, and a "Work with data" section. The "Take a tutorial" section includes links to "Create data pipelines with DataStage", "Build customer profiles with IBM Match 360 with Watson", "Catalog and govern data with Watson Knowledge Catalog", "Build and manage ML models with Watson Studio", and "Query data anywhere with Watson Query". The "Work with data" section includes a link to "Create a project for your team to prepare data, find insights, or build models." The "Learn what's new" section includes a link to "Stay current with new features, enhancements, and other changes." The dashboard also displays a "Projects" section with a "Food Demand Forecaster" project, a "New in gallery" section with a "NOTEBOOK" titled "Use AutoAI and Lale to predict credit risk with...", a "Notifications" section with two "Online deployment failed" messages, and a "Deployments" section with a "Food Demand Forecaster" deployment. The Windows taskbar at the bottom shows the date as 16-11-2022 and time as 19:25.

Projects / Food Demand Forecaster / Food Demand Forecaster

File Edit View Insert Cell Kernel Help Not Trusted Python 3.9

```
client.repository.ModelMetaNames.NAME:"Food Demand Forecaster",
client.repository.ModelMetaNames.TYPE:"tensorflow_2.7",
client.repository.ModelMetaNames.SOFTWARE_SPEC_UID:software_space_uid
})
```

In [57]: model\_details

```
Out[57]: {'entity': {'hybrid_pipeline_software_specs': [],
  'software_spec': {'id': 'acd9c798-6974-5d2f-a657-ce06e986df4d',
    'name': 'tensorflow_rt2.1-py3.9'},
  'type': 'tensorflow_2.7'},
  'metadata': {'created_at': '2022-11-15T06:46:01.462Z',
    'id': 'cccd228c-108c-49f3-be4b-c2126bd76b68',
    'modified_at': '2022-11-15T06:46:04.958Z',
    'name': 'Food Demand Forecaster',
    'owner': 'IBMId-661004010R',
    'resource_key': 'de13f293-698a-44d9-b4f1-73f8a0077e88',
    'space_id': '9c853358-237d-4e88-afd0-0b09952a45e7'},
  'system': {'warnings': []}}
```

In [58]: model\_id = client.repository.get\_model\_id(model\_details)
model\_id

```
Out[58]: 'cccd228c-108c-49f3-be4b-c2126bd76b68'
```

In [60]: client.repository.download(model\_id, 'Food Demand Forecaster.tar.gb')

Successfully saved model content to file: 'Food Demand Forecaster.tar.gb'

```
Out[60]: '/home/wsuser/work/Food Demand Forecaster.tar.gb'
```

Data

Files

Upload one file at a time. All file types accepted. 5 GB max file size.

Drag and drop files here or upload.

fulfilment\_center\_info.csv  
Insert to code

meal\_info.csv  
Insert to code

test.csv  
Insert to code

train.csv  
Insert to code

27°C Mostly clear 19:27 16-11-2022

Deployments / Food Demand Forecaster / Food Demand Forecaster /

Food Demand Forecaster Deployed Batch New job +

You don't have any jobs yet

Create a job to run the batch deployment manually or on a schedule.

Food Demand Forecaster

Created  
Nov 15, 2022, 9:05 PM

Updated  
Nov 15, 2022, 9:05 PM

Deployment ID  
7dd5ecc3-7255-458c-9983-e4...

Software specification  
tensorflow\_rt2.1-py3.9

Hardware specification  
XS: 1 vCPU and 4 GB RAM

Description  
No description provided.

Tags  
Add tags to make assets easier to find.

Associated asset  
Food Demand Forecaster  
cccd228c-108c-49f3-be4b-c21...

Model ID  
cccd228c-108c-49f3-be4b-c21...

27°C Mostly clear 19:26 16-11-2022

