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Projects

Statistical Machine Learning Approaches to Liver DiseaseToday at 06:48 PM

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Use AutoAI and Lale to predict

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Deployments

LIVER\_DISEASE\_PREDICTIONToday at 07:02 PM

LIVER\_DISEASE\_...ipynbLIVER\_DISEASE\_...ipynb

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Projects / Statistical Machine Learning App... Launch IDE

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Asset types

- Data 1
- Notebooks 1

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Name	Last modified
LIVER_DISEASE_PREDICTION (2) Notebook	3 hours ago Modified by you
indian_liver_patient.csv CSV	4 hours ago Modified by you

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Data in this project

Drop data files here or browse for files to upload

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Manage / Environment runtimes

## Environment runtimes

Environment runtimes are instances of environments currently running. Each instance consumes capacity unit hours. [Learn more.](#)

3.0 7.0  
Total account capacity unit hours used this month Remaining account capacity unit hours included in plan  
[Manage in IBM Cloud](#)

### Watson Machine Learning CUH usage this month

Name	Capacity Unit Hours (CUH)	Remaining capacity unit hours
Watson Machine Learning-mc	0.2 CUH <i>used this month</i>	19.8 CUH <i>remaining</i> ⓘ

### Active environment runtimes

Name	Tool	Project	Project owner	Started at   Capacity Unit Hours (CUH)	Owner	Actions
Runtime 22.1 on Python 3.9 XS - yHimslrvy	Notebook	<a href="#">Statistical Machine Learning Approaches to Liver Disease Prediction</a>	Shwetha Anand	November 14, 2022 at 9:43 PM   0.6 CUH	Shwetha Anand	

## Deployments

1 space

New deployment space +

Activity

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Which deployment space are you looking for?

Name	Last modified	Your role	Collaborators	Tags	Online deployments ⓘ	Jobs ⓘ
LIVER_DISEASE_PREDICTION	Nov 14, 2022, 7:02 PM	Admin	SA		7	0















## LIVER\_DISEASE\_PREDICTION

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 LIVER_DISEASE_PREDICTION	Online	 Deployed	LIVER_DISEASE_PREDICTION	1 hour ago Shwetha Anand (You)	
 LIVER_DISEASE_PREDICTION	Online	 Deployed	LIVER_DISEASE_PREDICTION	18 hours ago Shwetha Anand (You)	
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Service Details - IBM Cloud x Service Details - IBM Cloud x IBM Watson Studio x LIVER\_DISEASE\_PREDICT - IBM V x Upload files - IBM-EP8L/IBM-Pro x

datapatform.cloud.ibm.com/ml-runtime/deployments/001d51fd-eac7-47d7-af79-81124f712269?space\_id=ced8ea86-39ff-467c-b096-003889e52b75&context=cpdaas

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LIVER\_DISEASE\_PREDICTION Deployed Online

API reference

Test

Direct link

Endpoint

https://us-south.ml.cloud.ibm.com/ml/v4/deployments/001d51fd-eac7-47d7-af79-81124f712269/predictions?ve= IAM

Code snippets

cURL

Java

JavaScript

Python

Scala

```
import requests

# NOTE: you must manually set API_KEY below using information retrieved from your IBM Cloud account.
API_KEY = "your API key"
token_response = requests.post('https://iam.cloud.ibm.com/identity/token', data={'apikey':
API_KEY, "grant_type": 'urn:ibm:params:oauth:grant-type:apikey'})
mltoken = token_response.json()["access_token"]

header = {'Content-Type': 'application/json', 'Authorization': 'Bearer ' + mltoken}

# NOTE: manually define and pass the array(s) of values to be scored in the next line
payload_scoring = {'input_data': [{'fields': [array_of_input_fields], "values": [array_of_values_to_be_scored, another_array_of_val

response_scoring = requests.post('https://us-south.ml.cloud.ibm.com/ml/v4/deployments/001d51fd-eac7-47d7-af79-81124f712269/predict]
headers={'Authorization': 'Bearer ' + mltoken})
```

LIVER\_DISEASE\_PREDICTION

Created

Nov 15, 2022, 11:40 AM

Updated

Nov 15, 2022, 11:40 AM

Deployment ID

001d51fd-eac7-47d7-af79-811...

Software specification

runtime-22.1-py3.9

Copies

1

Serving name

No serving name.

Description

No description provided.

Tags

Add tags to make assets easier to find.

Associated asset

LIVER\_DISEASE\_PREDICTION

59cb2f60-b057-412d-b957-98...

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API reference

Test

Enter input data

Text input

JSON input

Enter data manually or use a CSV file to populate the spreadsheet. Max file size is 50 MB.

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	Age (int64)	Gender (int32)	Total_Bilirubin (float64)	Direct_Bilirubin (float64)	Alkaline_Phosphotase (float64)	Alamine_Aminotransferase (int64)	Aspartate_Aminotransferase (int64)
1	29	0	0.7	0.1	162	52	41
2	31	1	0.9	0.2	518	189	17
3	68	0	0.6	0.1	1620	95	127
4	70	1	1.4	0.6	146	12	24
5	58	0	2.8	1.3	670	48	79
6	58	0	2.4	1.1	915	60	142

15 rows, 10 columns


Predict



Prediction type

Binary classification

Prediction percentage



15 Records

■ 2 ■ 1

Confidence level distribution

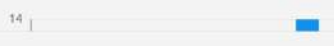


Table view

JSON view

	Prediction	Confidence
1	2	93%
2	1	57%
3	1	92%
4	2	100%
5	1	92%
6	1	93%
7	1	100%
8	2	100%
9	1	100%
10	1	100%
11	2	100%
12	1	100%
13	2	100%

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