

# PROJECT TITLE: UNIVERSITY ADMIT ELIGIBILITY PREDICTOR

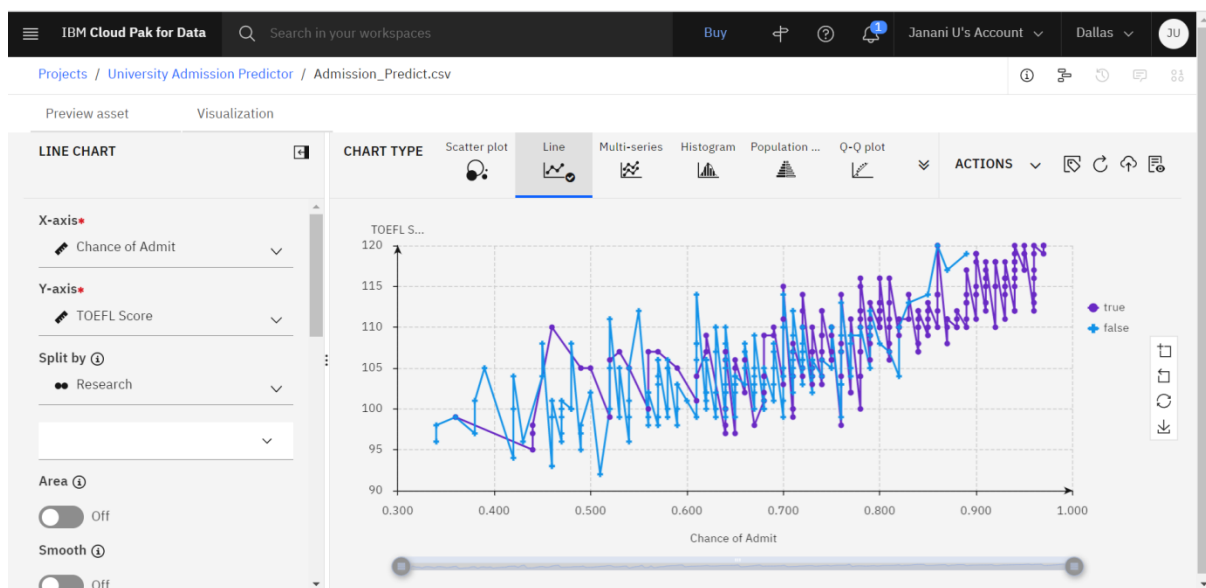
TEAM ID: PNT2022MID00432

## SPRINT 2(PART 1)

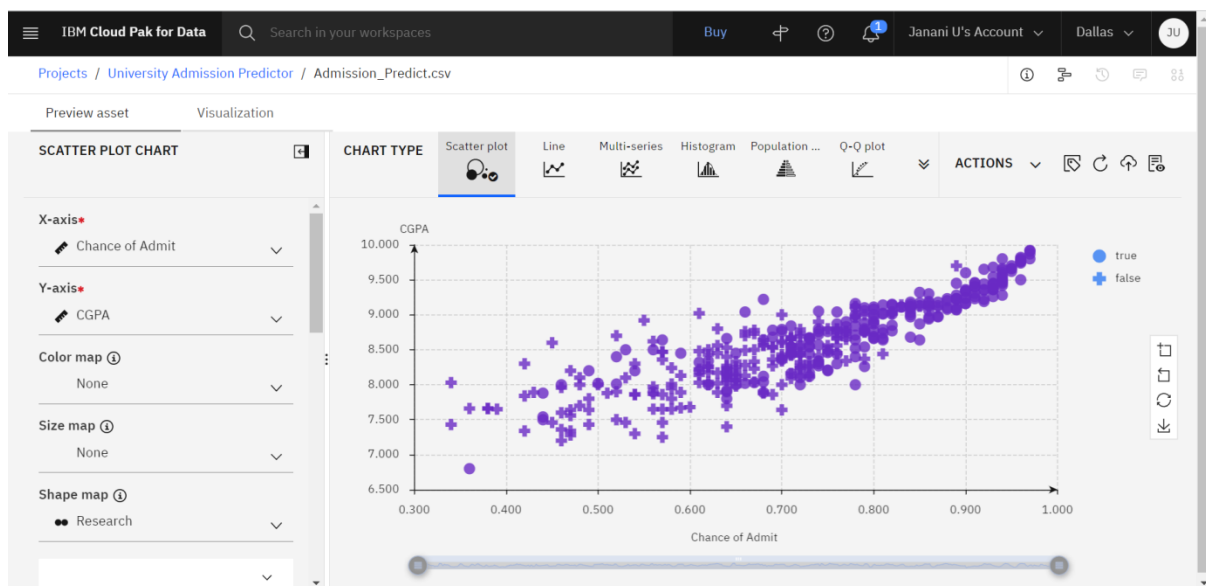
### DATA VISUALIZATION, TRAINING AND TESTING OF MODEL IN IBM CLOUD

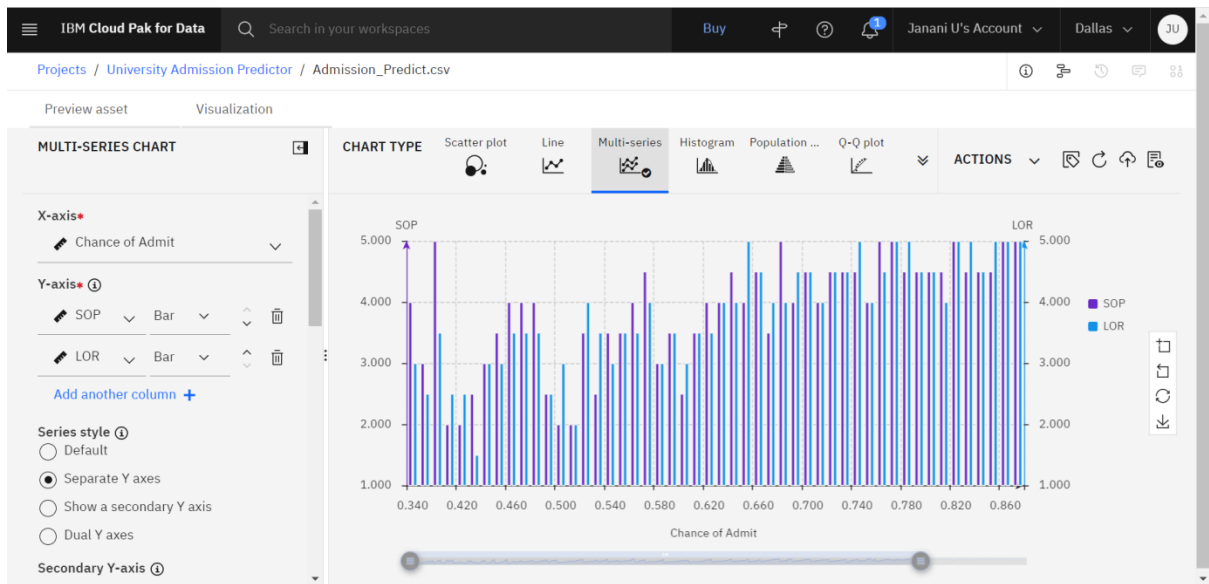
#### DATA VISUALIZATION:

##### LINE CHART:

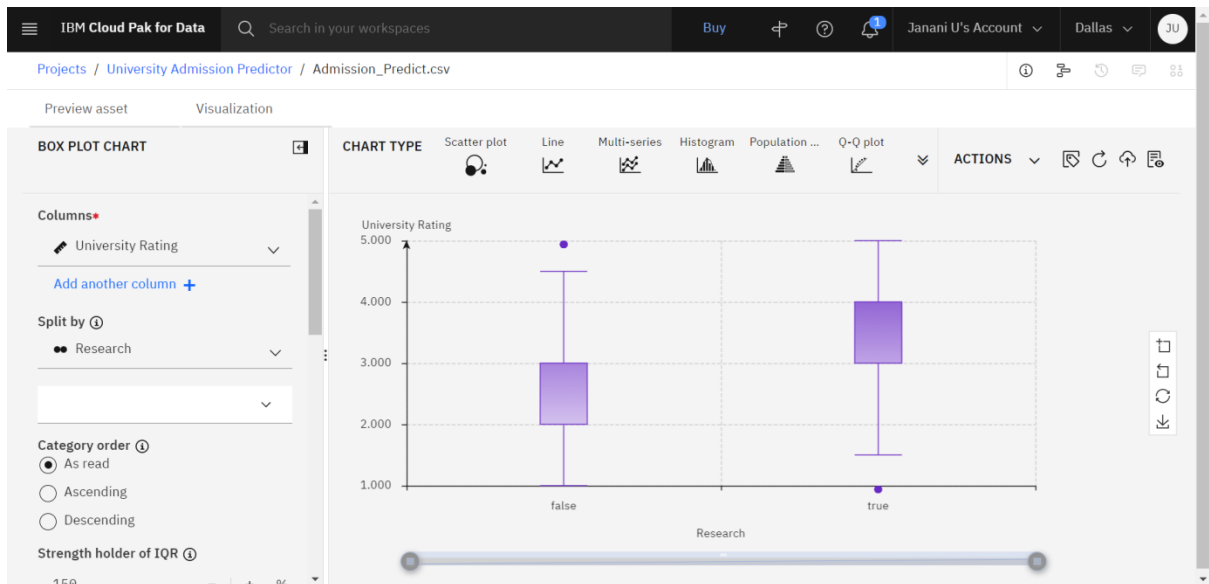


##### SCATTER PLOT:

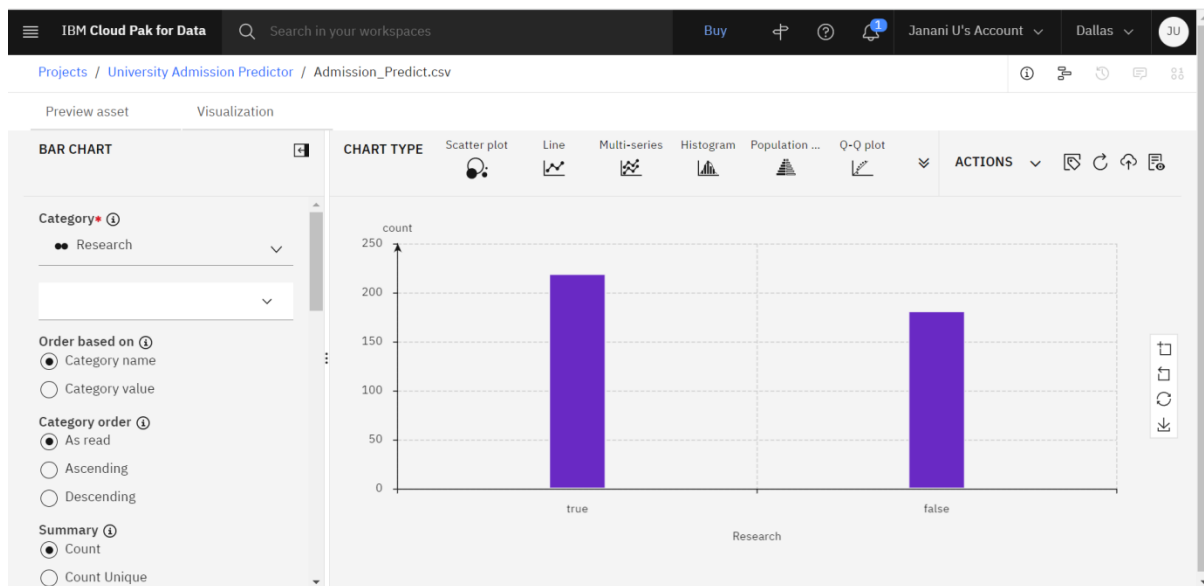




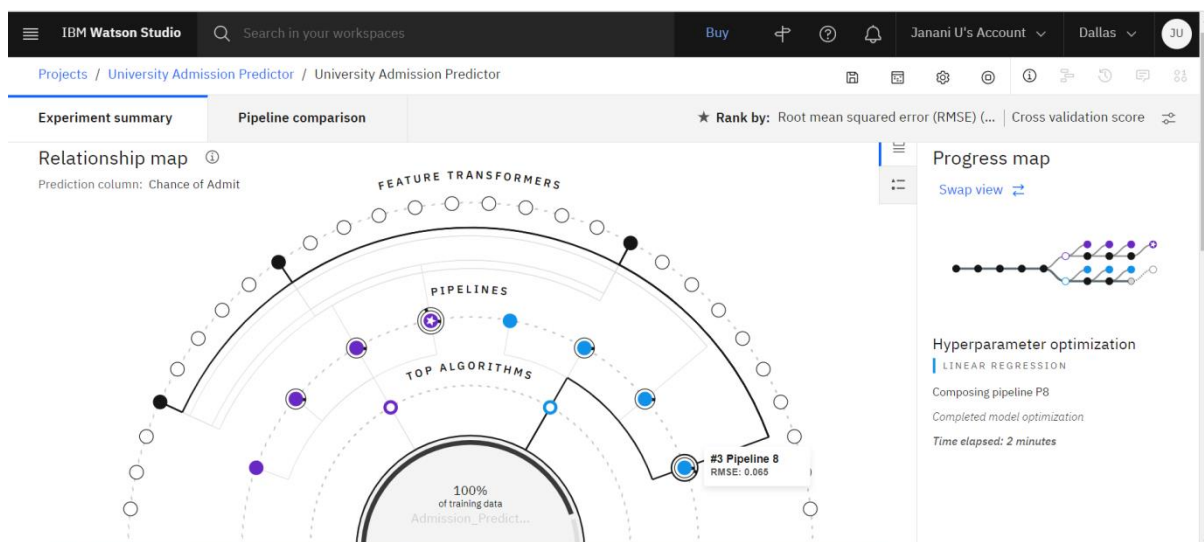
## BOX PLOT CHART

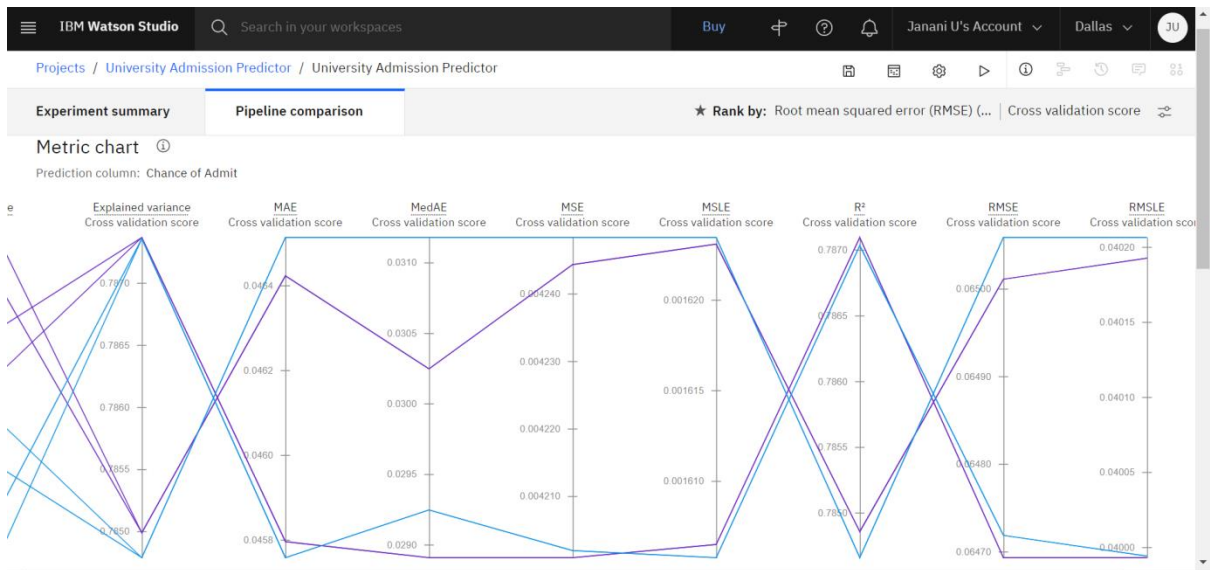


## BAR CHART



## TRAINING AND TESTING:





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Projects / University Admission Predictor / University Admission Predictor

Experiment summary Pipeline comparison ★ Rank by: Root mean squared error (RMSE) (...) Cross validation score

2	Pipeline 3	Ridge	0.065	HPO-1 FE	00:00:22
3	Pipeline 8	Linear Regression	0.065	HPO-1 FE HPO-2	00:00:22
4	Pipeline 7	Linear Regression	0.065	HPO-1 FE	00:00:20
5	Pipeline 2	Ridge	0.065	HPO-1	00:00:03
6	Pipeline 1	Ridge	0.065	None	00:00:01
7	Pipeline 6	Linear Regression	0.065	HPO-1	00:00:01
8	Pipeline 5	Linear Regression	0.065	None	00:00:01

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Promote to space

Use a deployment space to organize supporting resources such as input data and environments; deploy models or functions to generate predictions or solutions; and view or edit

New deployment space

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

Define details

Name

University Admission Predictor

Description (Optional)

Deployment space description

Select services

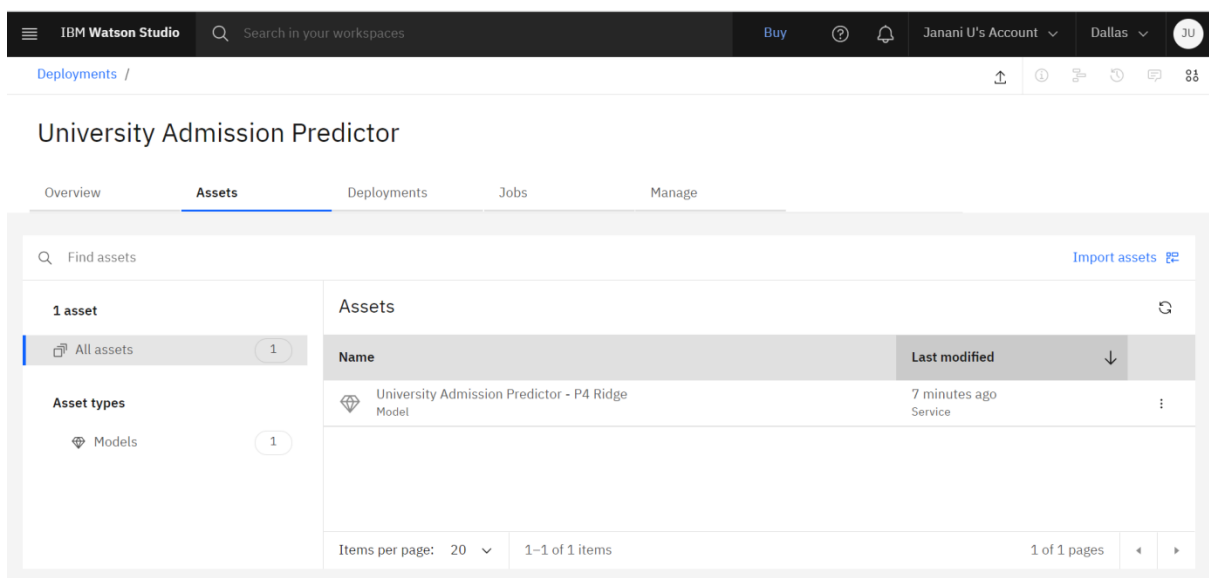
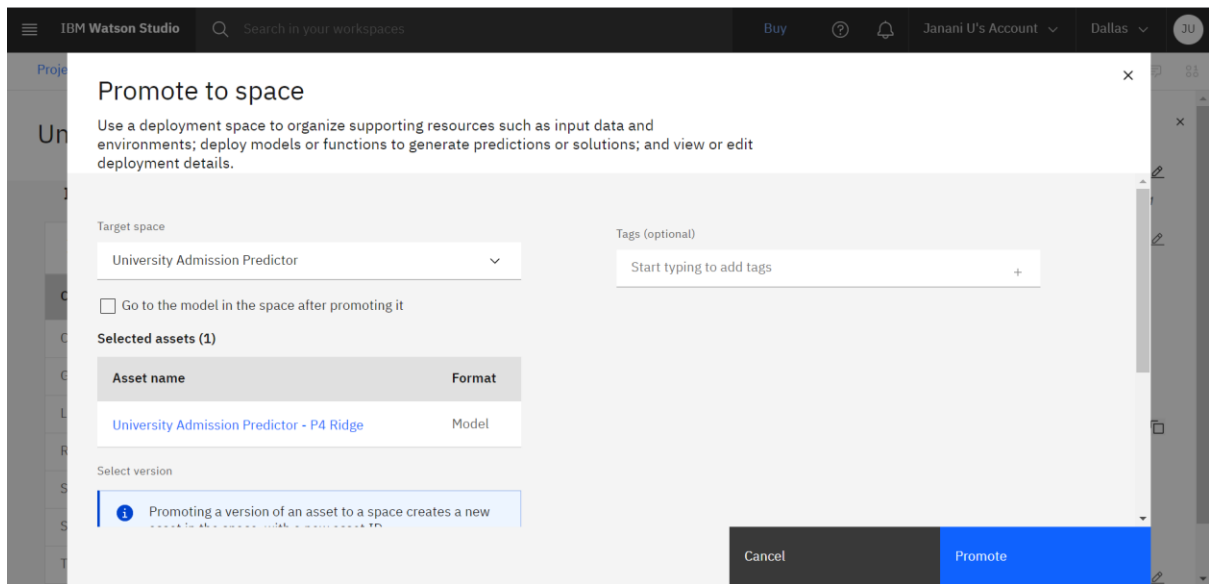
Select storage service ①

CloudObjectStorage

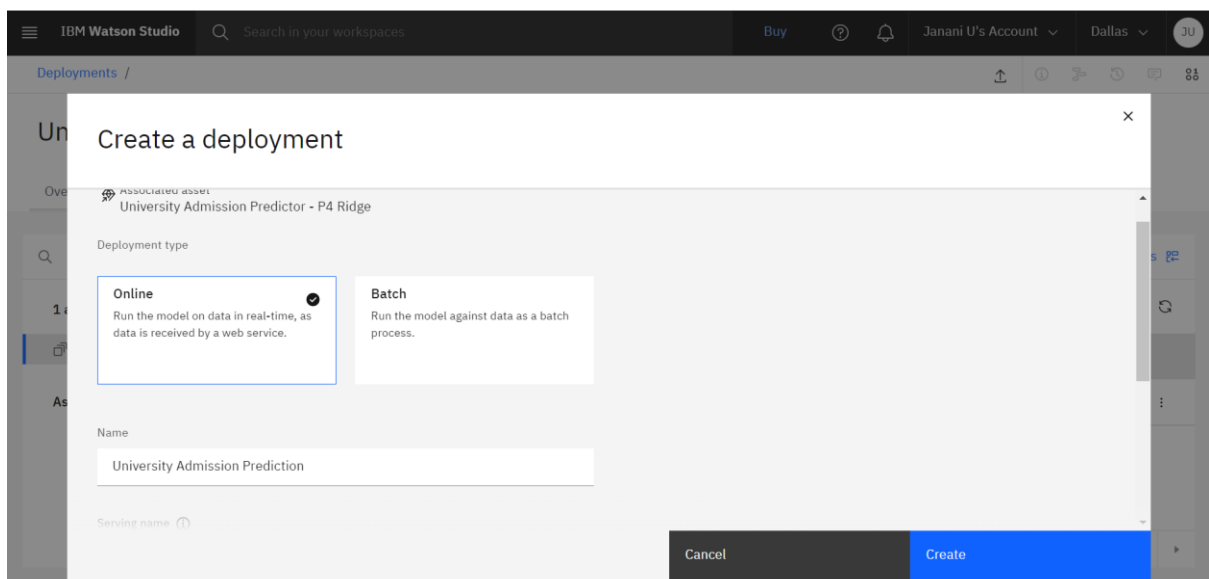
Select machine learning service (optional) ①

WatsonMachineLearning

Cancel Create



## DEPLOYMENT OF RIDGE MODEL:



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University Admission Predictor - P4 Ridge

Deployments

Model details

DEPLOYMENT TYPES

1 Online Deployment(s)

Online (1)

Batch (0)

Name	Status	Last modified
University Admission ...	Deployed	Nov 12, 2022, 2:33 PM

New deployment

University Admission Predictor - P4 Ridge

Created

Nov 12, 2022, 2:23 PM

Type

wml-hybrid\_0.1

Model ID

325e2298-411a-4abd-847d-2b...

Software specification

hybrid\_0.1

Hybrid pipeline software specifications

autoai-kb\_rt22.1-py3.9

Description

No description provided.

Tags

Add tags to make assets easier to find.

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University Admission Prediction

Deployed

Online

API reference

Test

Direct link

Endpoint

https://us-south.ml.cloud.ibm.com/ml/v4/deployments/60bce434-ac50-4dfa-9805-a38...

Bearer <token>

IAM

Code snippets

cURL

Java

JavaScript

Python

Scala

# NOTE: you must set \$API\_KEY below using information retrieved from your IBM Cloud account.

curl --insecure -X POST --header "Content-Type: application/x-www-form-urlencoded" --header "Accept: application/json" --data-urlencode "grant\_type=urn:ibm:params:oauth:grant-type:apikey" --data-urlencode "apikey=\$API\_KEY" "https://iam.cloud.ibm.com/identity/token"

# the above CURL request will return an auth token that you will use as \$IAM\_TOKEN in the scoring request below

# TODO: manually define and pass values to be scored below

University Admission Prediction

Created

Nov 12, 2022, 2:33 PM

Updated

Nov 12, 2022, 2:33 PM

Deployment ID

60bce434-ac50-4dfa-9805-a38...

Software specification

hybrid\_0.1

Hybrid pipeline software specifications

autoai-kb\_rt22.1-py3.9

Copies

1

Serving name

No serving name.

PREDICTION OF RESULTS:

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University Admission Prediction Deployed Online

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.

Download CSV template

Browse local files

Search in space

Clear all

	Serial No. (integer)	GRE Score (integer)	TOEFL Score (integer)	University Rating (integer)	SOP (double)	LOR (double)	CGPA (double)	Research Experience (integer)
1	1	337	118	4	4.5	4.5	9.65	1
2								

1 row, 8 columns

Predict

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Un

Prediction results

Prediction type

Regression

Prediction distribution

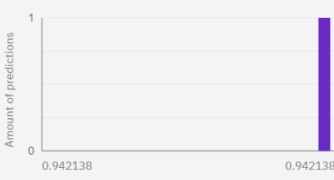


Table view

JSON view

	Prediction
1	0.9421380162239075
2	
3	
4	
5	
6	
7	
8	
9	

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