

PROJECT TITLE: UNIVERSITY ADMIT ELIGIBILITY PREDICTOR

TEAM ID: PNT2022MID00432

SPRINT 1

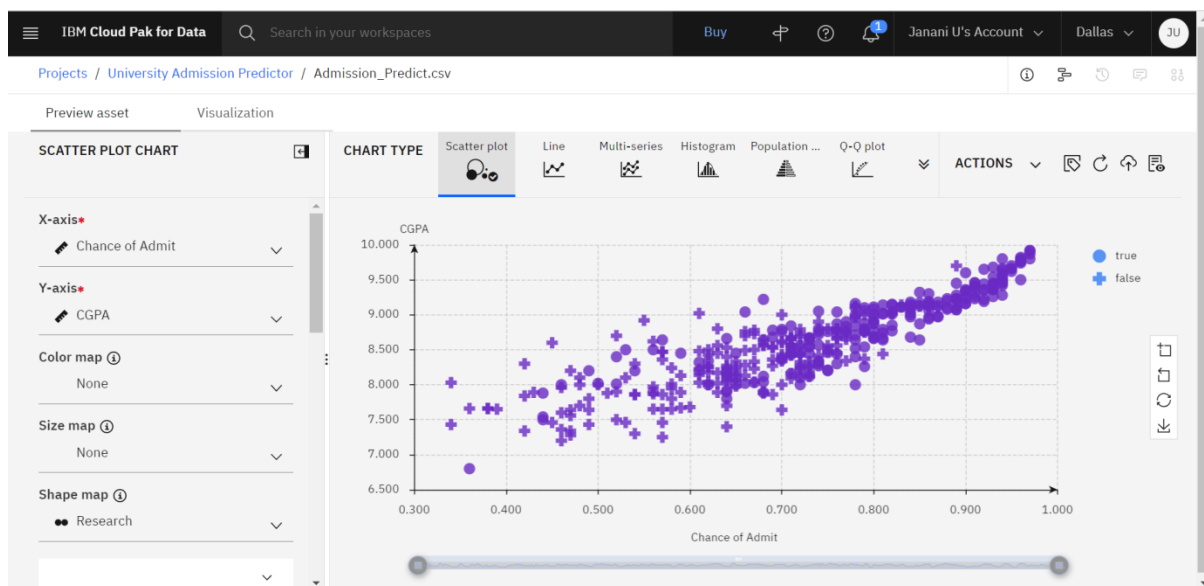
DATA VISUALIZATION, TRAINING AND TESTING OF MODEL IN IBM CLOUD

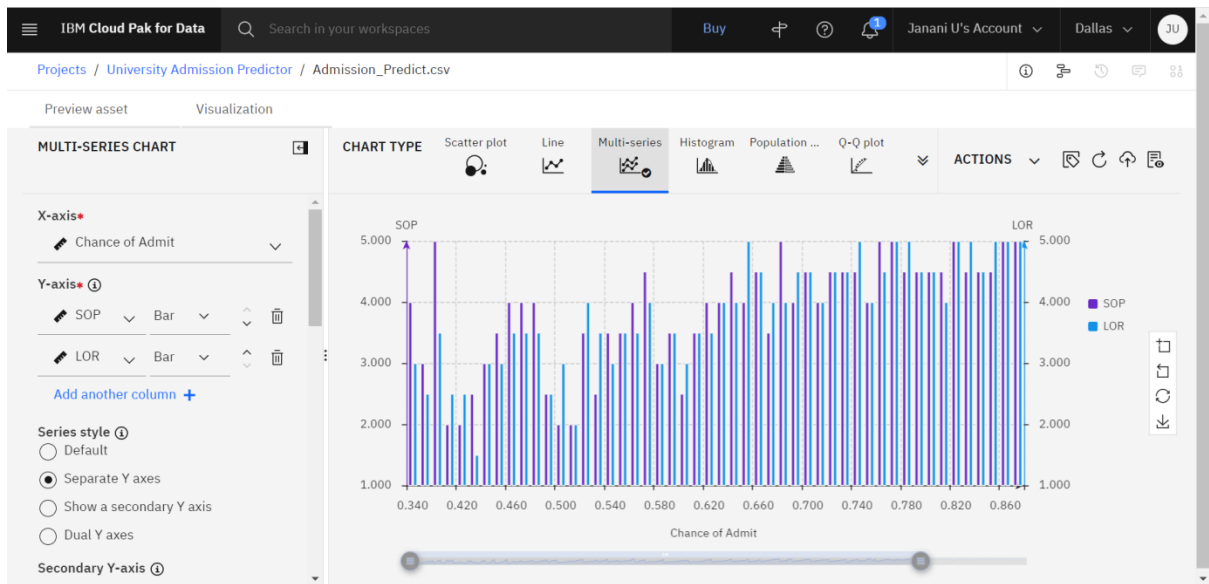
DATA VISUALIZATION:

LINE CHART:

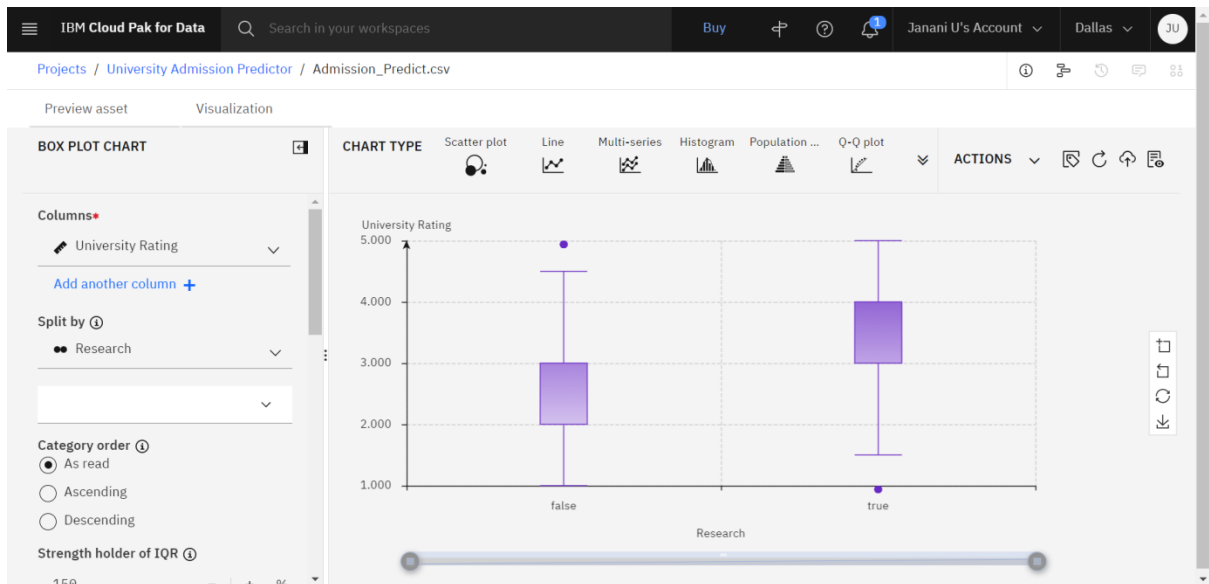


SCATTER PLOT:

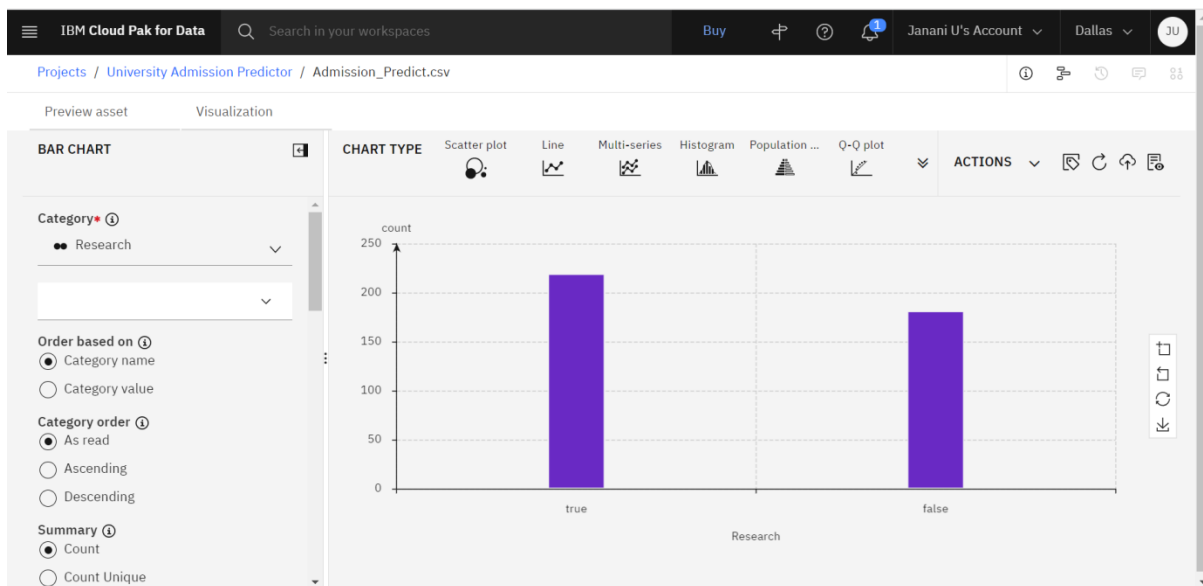




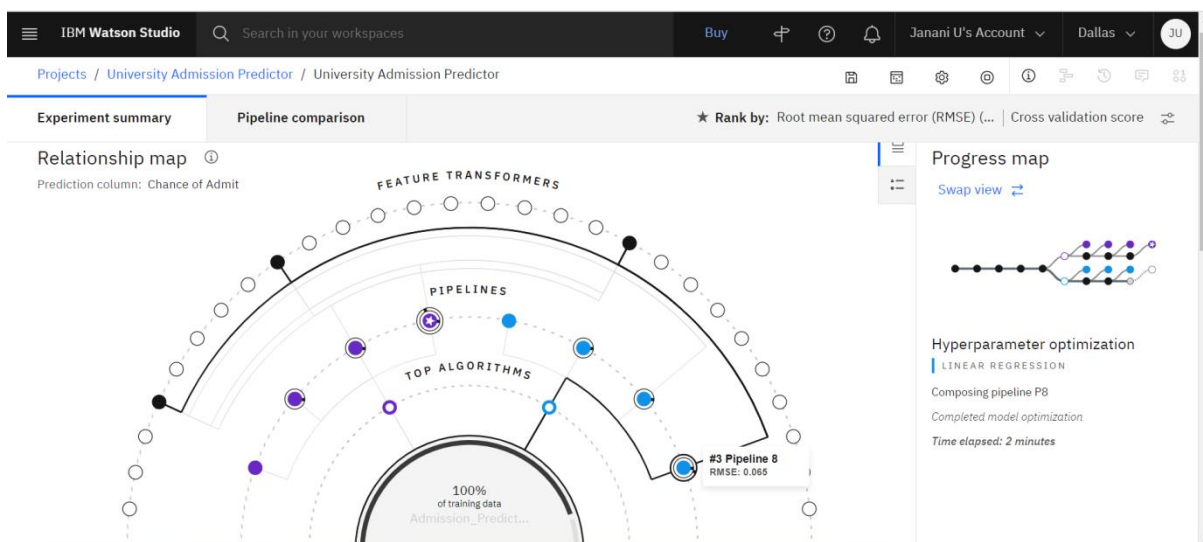
BOX PLOT CHART

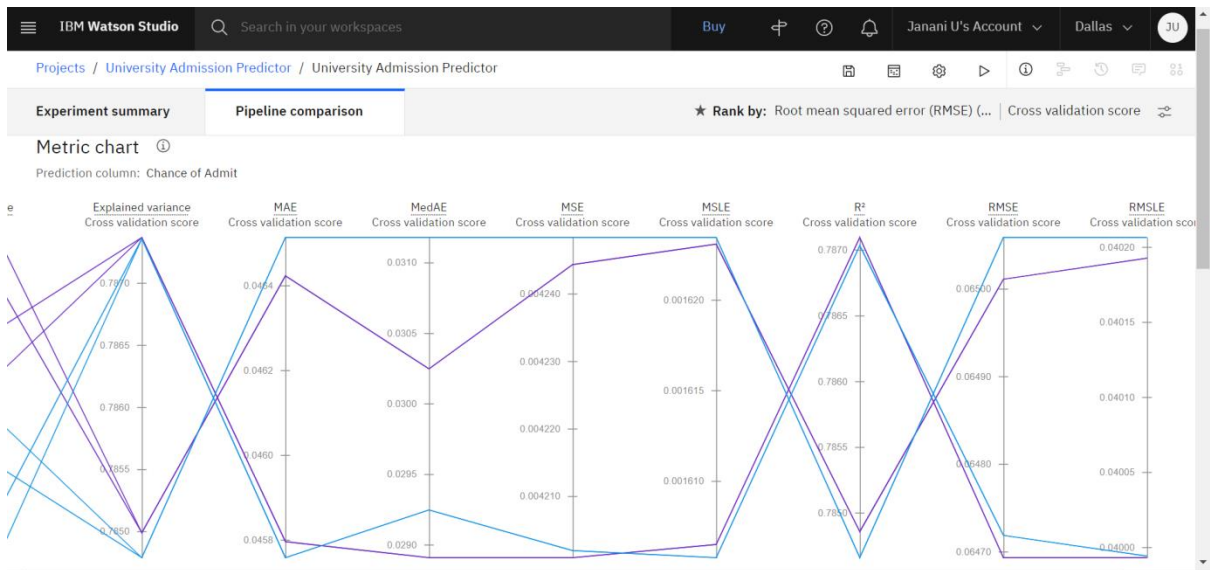


BAR CHART



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 deployments

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

CloudObjectStorage

Select machine learning service (optional)

WatsonMachineLearning

Cancel Create

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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 deployment details.

Target space
University Admission Predictor

Tags (optional)
Start typing to add tags +

☐ Go to the model in the space after promoting it

Selected assets (1)

Asset name	Format
University Admission Predictor - P4 Ridge	Model

Select version

Promoting a version of an asset to a space creates a new version in the space with a new asset ID.

Cancel Promote

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Deployments /

University Admission Predictor

Overview Assets Deployments Jobs Manage

Find assets Import assets

1 asset

All assets 1

Asset types

Models 1

Name	Last modified
University Admission Predictor - P4 Ridge Model	7 minutes ago Service

Items per page: 20 1-1 of 1 items 1 of 1 pages

DEPLOYMENT OF RIDGE MODEL:

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Deployments /

Create a deployment

Associated asset
University Admission Predictor - P4 Ridge

Deployment type

Online
Run the model on data in real-time, as data is received by a web service.

Batch
Run the model against data as a batch process.

Name
University Admission Prediction

Serving name ⓘ

Cancel Create

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Deployments / University Admission Predictor /

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 referenceTest

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

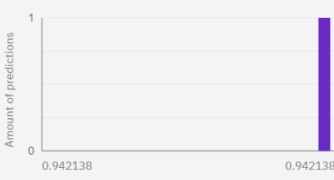


Table viewJSON view

	Prediction
1	0.9421380162239075
2	
3	
4	
5	
6	
7	
8	
9	

Download