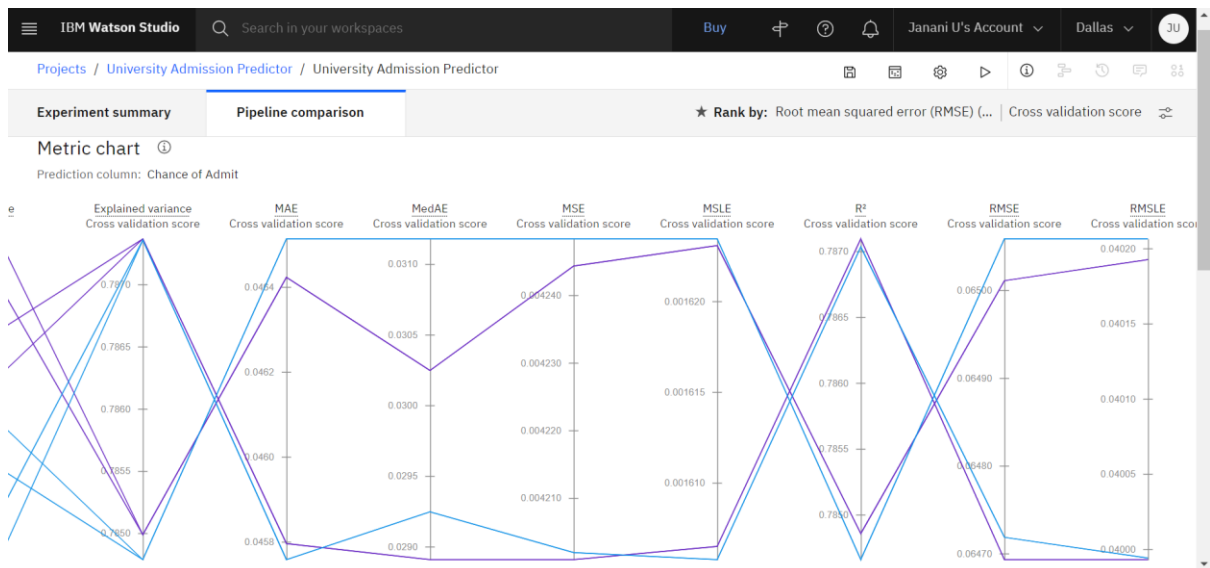
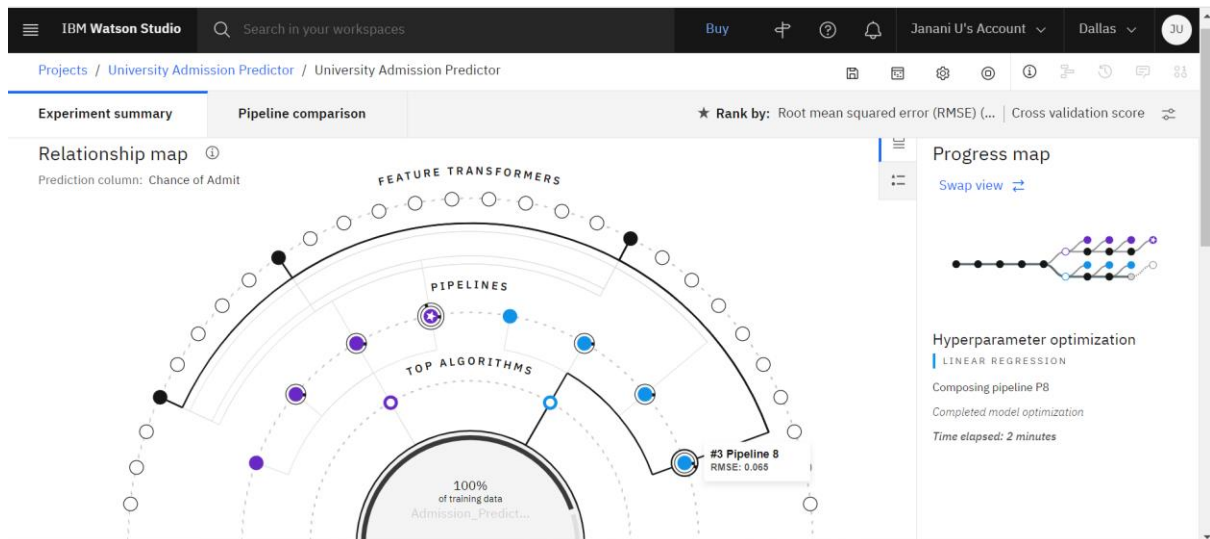


PROJECT TITLE: UNIVERSITY ADMIT ELIGIBILITY PREDICTOR

TEAM ID: PNT2022MID00432

SPRINT 1

TRAINING, TESTING AND DEPLOYMENT OF MODEL IN IBM CLOUD USING NODE RED



IBM Watson Studio						
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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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Project

Un

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.

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

Cancel

Promote

Deployments /

↑ ⓘ ⚙ ⌚ 💬 ⚙

University Admission Predictor

Overview Assets Deployments Jobs Manage

Find assets

Import assets


1 asset

All assets 1

Asset types

Models 1

Assets

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

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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

Deployments / University Admission Predictor /

🗑 ⓘ ⚙ ⌚ 💬 ⚙

University Admission Predictor - P4 Ridge

Deployments Model details

DEPLOYMENT TYPES

1 Online Deployment(s)

New deployment

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

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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Deployments / University Admission Predictor / University Admission Predictor - ... /

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.

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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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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

Prediction results

Prediction type

Regression

Prediction distribution

Amount of predictions

0.942138

Prediction value

0.942138

Prediction

1

0.9421380162239075

2

3

4

5

6

7

8

Download

```
node-red
12 Nov 15:20:54 - [info] Node-RED version: v3.0.2
12 Nov 15:20:54 - [info] Node.js version: v14.17.0
12 Nov 15:20:54 - [info] Windows_NT 10.0.22000 ia32 LE
12 Nov 15:21:04 - [info] Loading palette nodes
12 Nov 15:21:31 - [info] Settings file : C:\Users\91944\.node-red\settings.js
12 Nov 15:21:31 - [info] Context store : 'default' [module=memory]
12 Nov 15:21:31 - [info] User directory : C:\Users\91944\.node-red
12 Nov 15:21:31 - [warn] Projects disabled : editorTheme.projects.enabled=false
12 Nov 15:21:31 - [info] Flows file : C:\Users\91944\.node-red\flows.json
12 Nov 15:21:31 - [info] Creating new flow file
12 Nov 15:21:31 - [warn]

-----
Your flow credentials file is encrypted using a system-generated key.

If the system-generated key is lost for any reason, your credentials
file will not be recoverable, you will have to delete it and re-enter
your credentials.

You should set your own key using the 'credentialSecret' option in
your settings file. Node-RED will then re-encrypt your credentials
file using your chosen key the next time you deploy a change.
-----

12 Nov 15:21:31 - [info] Server now running at http://127.0.0.1:1880/
12 Nov 15:21:31 - [warn] Encrypted credentials not found
12 Nov 15:21:31 - [info] Starting flows
12 Nov 15:21:31 - [info] Started flows
```

IBM Cloud

Search resources and products...

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Manage

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Catalog / Create app /

Node-RED

About

Create

App details

App name

Node RED ZMMJR 2022-11-12

Accept the default name, or enter a value between 2 and 128 characters.

Resource group

Default

Tags

Examples: env:dev, version-1

Platform

☒ Node.js

ASK A QUESTION

IBM Cloud

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Catalog

Manage

Janani U's Account

Resource list / App details /

Node RED ZMMJR 2022-11-12

Details

App URL

Source

Resource group

Deployment target

Created

Services

Cloudant

Open dashboard

Documentation

API reference

Credentials

Deployment Automation

Configure Continuous Delivery

Deploy your app

ASK A QUESTION

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Resource list /

Node RED RJTKR 2022-11-12

Running

Visit App URL

Details

Overview

Runtime

Connections

Logs

API Management

Autoscaling

Instances

Health

100%

1/1 instance(s) are running

MB memory per instance

Instances

Runtime

Node.js

256

Total MB allocation

1.75 GB still available

Free

Used

Admission Predictor

Admission prediction

gre *

toefl *

university *

sop *

lor *

cgpa *

research *

SUBMIT

CANCEL

The Chance of admission will be