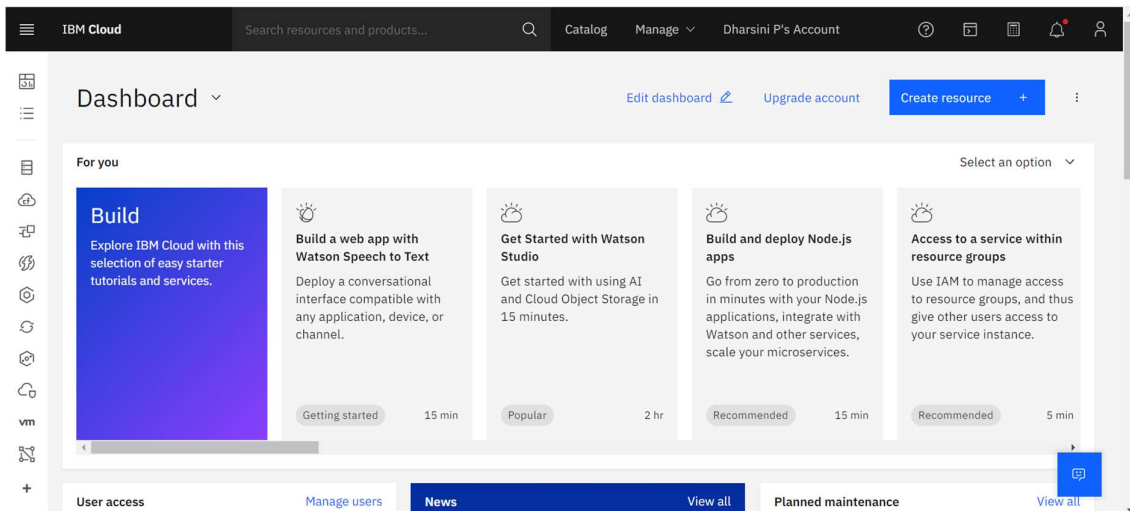
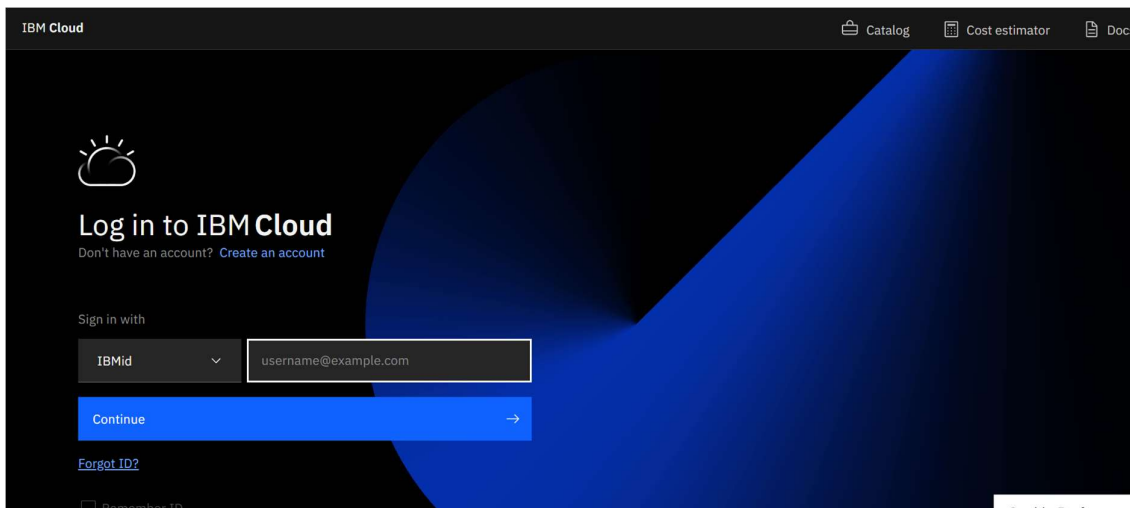


## TRAIN MODEL ON IBM

Team ID	PNT2022TMID53189
Project Name	Project - Deep Learning Fundus Image Analysis For Early Detection Of Diabetic Retinopathy

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Watson Studio is one of the core services in Cloud Pak for Data as a Service. Build, deploy and manage AI models, and optimize decisions on IBM Cloud Pak for Data.

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IBM Watson Studio in Cloud Pak for Data

IBM Cloud Pak for Data Unifying platform

IBM Cloud Base cloud infrastructure

IBM Watson Studio is part of IBM Cloud Pak for Data and serves as the data science capability of the data fabric architecture.

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# Welcome, Dharsini!

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- Build customer profiles

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Deep Learning Fundus Image Analysis

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### Deployments

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1 assets

All assets

Asset types

Notebooks

Notebooks

Name	Language	Last modified
Xception_Diabetic_retinopathy Notebook	Python 3.9	3 hours ago Modified by you

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

Data in this project

Drop data files here or browse for files to upload

21:32

Projects / Deep Learning Fundus Image An... / Xception\_Diabetic\_retinopathy

```
epoch 21/30
3/3 [=====] - 47s 14s/step - loss: 4.3834 - accuracy: 0.6146
Epoch 22/30
3/3 [=====] - 49s 15s/step - loss: 2.3949 - accuracy: 0.7083
Epoch 23/30
3/3 [=====] - 48s 14s/step - loss: 2.4211 - accuracy: 0.6979
Epoch 24/30
3/3 [=====] - 47s 14s/step - loss: 2.0941 - accuracy: 0.7917
Epoch 25/30
3/3 [=====] - 47s 15s/step - loss: 3.4720 - accuracy: 0.7292
Epoch 26/30
3/3 [=====] - 54s 14s/step - loss: 3.6404 - accuracy: 0.6667
Epoch 27/30
3/3 [=====] - 49s 15s/step - loss: 2.9273 - accuracy: 0.7083
Epoch 28/30
3/3 [=====] - 46s 14s/step - loss: 3.4689 - accuracy: 0.6875
Epoch 29/30
3/3 [=====] - 50s 15s/step - loss: 2.4247 - accuracy: 0.7396
Epoch 30/30
3/3 [=====] - 47s 15s/step - loss: 2.7201 - accuracy: 0.7500

In [28]: model.save('Updated-Xception-diabetic-retinopathy.h5')
```

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Resource list

Create resource +

Name	Group	Location	Product	Status	Tags
Filter by name or IP address... Filter by group or org. Filter... Filter... Filter... Filter...					
Compute (0)					
Containers (0)					
Networking (0)					
Storage (1)					
Cloud Object Storage-al	Default	Global	Cloud Object Storage	Active	1
AI / Machine Learning (2)					
Watson Machine Learning-ei	Default	Dallas	Watson Machine Learn...	Active	1
Watson Studio-di	Default	Dallas	Watson Studio	Active	-
Analytics (0)					