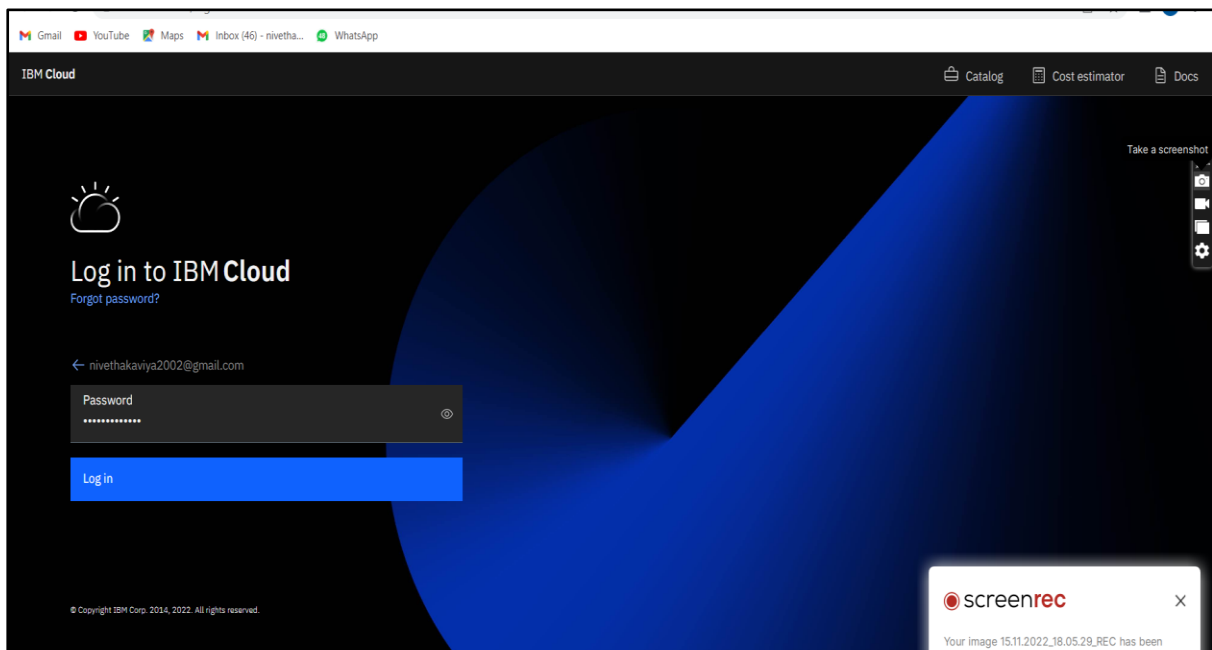
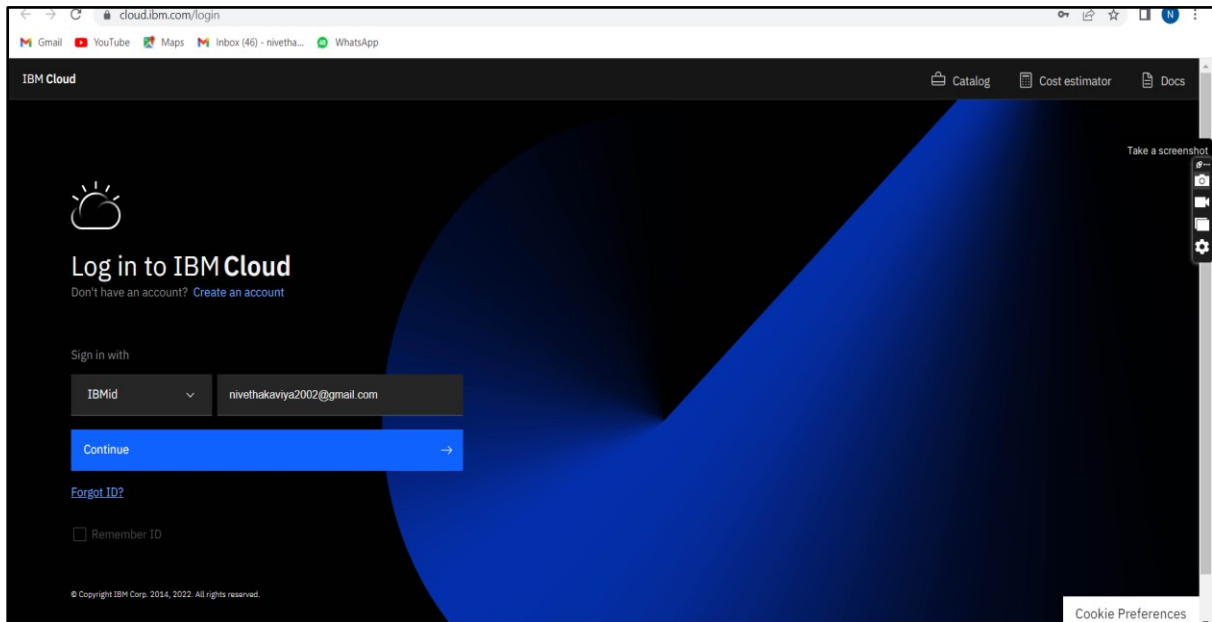


TRAIN THE MODEL



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Resource list /

Watson Studio-rn

Active

Add tags


Details

Actions...

Take a screenshot

Manage

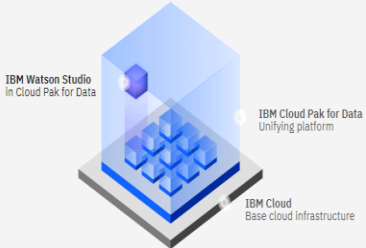
Plan



Watson Studio in Cloud Pak for Data

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.

Launch in IBM Cloud Pak for Data



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.

Helpful links

Documentation

Learn about tools, features, and how to perform a wide variety of Data and AI tasks.

Learning path

Start a step-by-step tutorial to get up and running quickly.

Videos

Watch videos to learn about Watson Studio and Cloud Pak for Data as a Service.

IBM Cloud Pak for Data

Search in your workspaces

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Projects / diabetic-retinopathy

Overview

Assets

Jobs

Manage

Project

General

Access control

Environments

Resource usage

Services & integrations

General

Details

Name

diabetic-retinopathy

Description

What's the purpose of this project?

Project ID

f9f38e80-91f5-495d-a4ff-7ee57ac71398

Storage

Storage used

175.3 MB

Bucket

diabeticretinopathy-donotdelete-pr-ypkzwc210oerak

Manage in IBM Cloud

Danger zone

Leave project

Leave

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OverviewAssetsJobsManage

Find assets

Import assets

New asset +

12 assets

All assets

Asset types

Data11

Notebooks1

JPEG	Modified by you
index.jpg JPEG	4 days ago Modified by you
Xception_diabetic_retinopathy.ipynb application/octet-stream	4 days ago Modified by you
Test_Transfer_Learning_model.ipynb application/octet-stream	4 days ago Modified by you
index.html HTML	4 days ago Modified by Service
login.html HTML	4 days ago Modified by Service
prediction.html HTML	4 days ago Modified by Service
logout.html HTML	4 days ago Modified by Service

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IBM Cloud Pak for Data

Search in your workspaces

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Dallas

NA

Projects / diabetic-retinopathy / diabetic_retinopathy

```

from tensorflow import keras

from keras import models
from keras.models import load_model
from keras.preprocessing import image
from keras.applications.inception_v3 import preprocess_input
import requests
from flask import Flask, request, render_template, redirect, url_for
from cloudant.client import Cloudant
from tensorflow import keras
model = load_model("updated-xception-diabetic-retinopathy.h5")
app = Flask(__name__)

# Authenticate using an IAM API key
client = Cloudant.iam('367e91e7-6150-4f63-92f4-24625af53457-blumex',
                    'EqKm580KczGLm2YsFnXKJ66ydyL9tDVK9oM0_FPD4G', connect=True)

# Create a database using an initialized client
my_database = client.create_database('my_db')
if my_database.exists():
    print("Database '{}' successfully created.".format('my_db'))
# default home page or route
@app.route('/')
def index():
    return render_template('index.html')

@app.route('/index')
def home():
    return render_template("index.html")

'''@ app.route('/register')
def register():
    return render_template("register.html")'''

# registration page
@app.route('/register', methods=['GET', 'POST'])

```