

ASSIGNMENT – 3

Name	Jayaraja S.K.
Roll No	SSNCE195001041
Batch	B1A3E-07

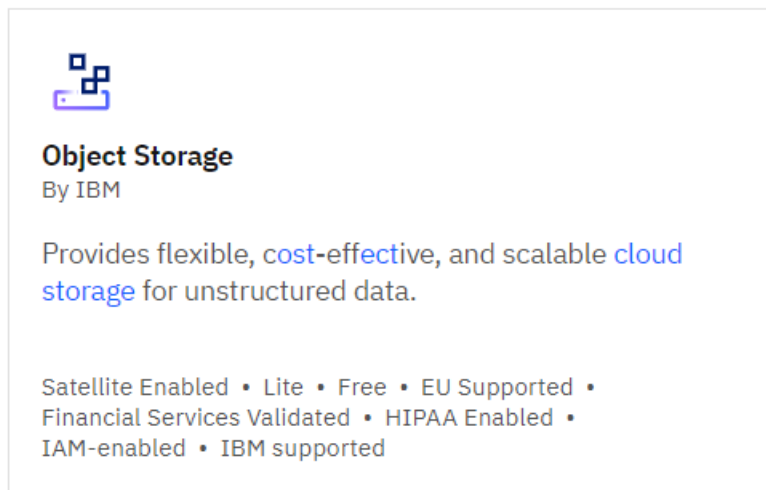
AIM

1. Create a Bucket in IBM object storage
2. Upload 5 images to ibm object storage and make it public. write html code to displaying all the 5 images.
3. Upload a css page to the object storage and use the same page in your HTML code
4. Design a chatbot using IBM Watson assistant for hospital
5. Create Watson assistant service with 10 steps and use 3 conditions in it. Load that script in HTML page.

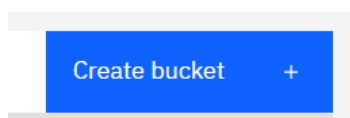
STEPS TO BE FOLLOWED

1. CREATE A BUCKET AND UPLOAD IMAGES

- a) Select create resource button
- b) Open *Object Storage* from the catalogue





- c) Choose *IBM Cloud* as infrastructure, select the free plan, give a name and select create
- d) Go to active resource list and select the storage created
- e) Select create bucket




- f) Select customize your bucket, give a unique name for the bucket across all available buckets around the globe
- Resiliency – Regional
 - Storage class – Smart Tier

Resiliency ⓘ [View options](#) ↗

**Cross Region**
Highest availability

**Regional** ✓
Best performance

**Single Site**
Data sovereignty

Location ⓘ [View options](#) ↗

jp-tok

Storage class ⓘ [View pricing](#) ↗

Smart Tier New! ✓
Smart Tier automatically gives you the lowest storage rate based on your monthly activity.

Standard
For active workloads that require higher performance and low latency and where data needs to be accessed frequently.

- g) Go to permissions and select public access to create access policy

Objects Configuration **Permissions**

Bucket access policies

Manage access to this bucket by creating IAM policies for users and service IDs. Users and service IDs must also have an instance profile attached to them to access the bucket using the REST API.

▼ **Access policies**

▲ **Public access**

⚠ **Warning:** Granting Public access to this bucket will allow anyone to access the bucket. To revoke public access, remove the "Public access" policy from this bucket within [Access groups](#) [Learn more](#) ✕

Status: **Enabled**

Role for this bucket:

Content Reader

As a Content Reader, one can read and list objects in the bucket.

Create access policy

- h) Go to the bucket list to get the public URL of the desired bucket

Buckets

Buckets serve as containers for objects, and can be individually configured in terms of their location, resiliency, billing rates, security, and object lifecycle rules.

Name	Public access ⓘ	Location ⓘ	Storage class	Created	
images-ibm	Yes	ap-geo	Smart Tier	2022-10-29 9:37 AM	⋮
images-ibm1	No	au-syd	Smart Tier	2022-10-29 9:45 AM	⋮
myibmbucketssn	Yes	jp-tok	Smart Tier	2022-10-30 8:54 AM	⋮

Configuration

Access Policies

Public URL

Access with Data ...

IAM Panel

Delete bucket

2. CREATE WATSON ASSISTANT

- Select create resource button
- Open *Watson Assistant* from the catalogue
- Choose the lite plan and create the bot
- Launch the assistant and select the actions tab to add new actions to the bot

SOURCE CODE

1. OBJECT STORAGE

```
<!DOCTYPE html>

<html>

<link rel="stylesheet" href="https://images-ibm.s3.ap.cloud-object-
storage.appdomain.cloud/style.css">

<body>

    <br><br>

    <br><br>

    <br><br>

    <br><br>

    <br><br>

</body>

</html>
```

2. WATSON ASSISTANT

Link – <https://web-chat.global.assistant.watson.appdomain.cloud/preview.html?backgroundImageURL=https%3A%2F%2Fau-syd.assistant.watson.cloud.ibm.com%2Fpublic%2Fimages%2Fupx-e95d627f-4e1f-4c97-b38e-cd0656eb9718%3A%3Aa990fa98-64c0-4930-aa8d-cf2249ca4850&integrationID=fbd45843-c3e0-4230-a9f7-c5a0815e0e39®ion=au-syd&serviceInstanceID=e95d627f-4e1f-4c97-b38e-cd0656eb9718>

OUTPUT

1. OBJECT STORAGE



IBM Cloud

Cloud Object Storage

Storage instances

Cloud Object Storage

Buckets

Integrations

Endpoints

Usage details

Service credentials

Connections

Plan

Search resources and products...

Storage / Cloud Object Storage / images-ibm

Transfers Details Actions...

Warning: All objects in this bucket have public view access.

If you're seeing more usage than expected, versions count towards your usage or you may have incomplete uploads [Learn more](#)

Prefix filter

Upload

Object name	Size	Last modified
202210...1502.jpg	271.2 KB	2022-10-29 9:39 AM
Screenshot_20... 505_Chrome.jpg	1.0 MB	2022-10-29 9:57 AM
Screenshot_2... 3435_Earth.jpg	788.1 KB	2022-10-29 9:56 AM
Screenshot_202...43_BBC News.jpg	923.6 KB	2022-10-29 9:58 AM
image_ca83c1fd-9ccd...20220823_164015.jpg	102.4 KB	2022-10-29 9:56 AM
st...css	83 bytes	2022-10-30 9:20 AM

2. WATSON ASSISTANT

Name	Last edited	Status
Contact Details of Chennai Branch	a day ago	✓
I want to know the branches	a day ago	✓
Contact Details of Bangalore Branch	a day ago	✓

Hi! I'm a virtual assistant.
How can I help you today?

I want to know the branches

Contact Details of Chennai Branch

Example: See how I can help

Type something...

Built with IBM Watson®

