

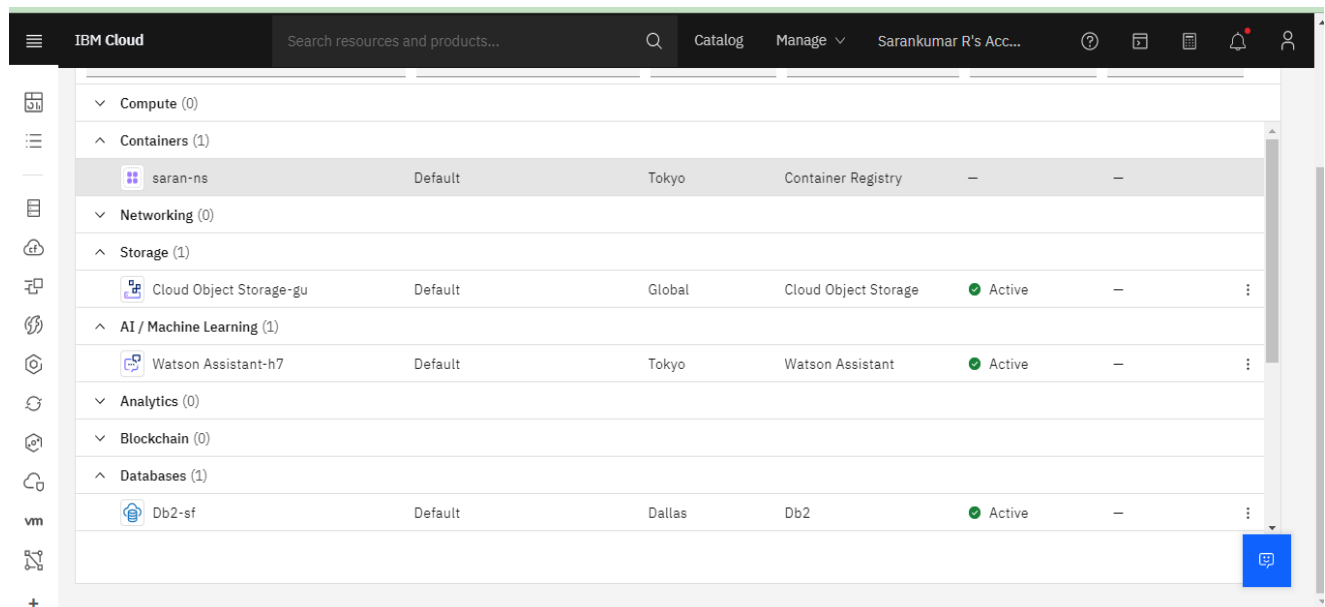
# SPRINT-1

Date	17 November 2022
Team Id	PNT2022TMID33615
Project Name	Skills and Job Recommender
Marks	20 Marks

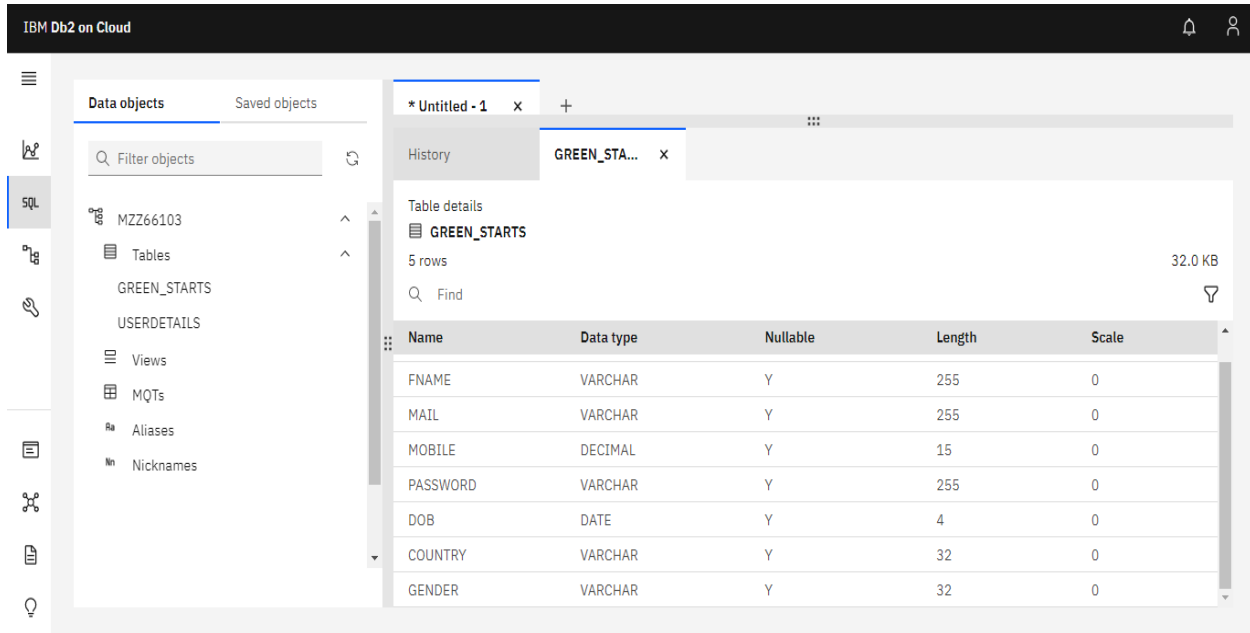
## REQUIRED SERVICES:

1. IBM DB2
2. IBM OBJECT STORAGE
3. IBM WATSON ASSISTANT
4. IBM CONTAINERS
5. SENDGRID INTEGRATION (TWILIO)

## CREATING CLOUD ACCOUNT:



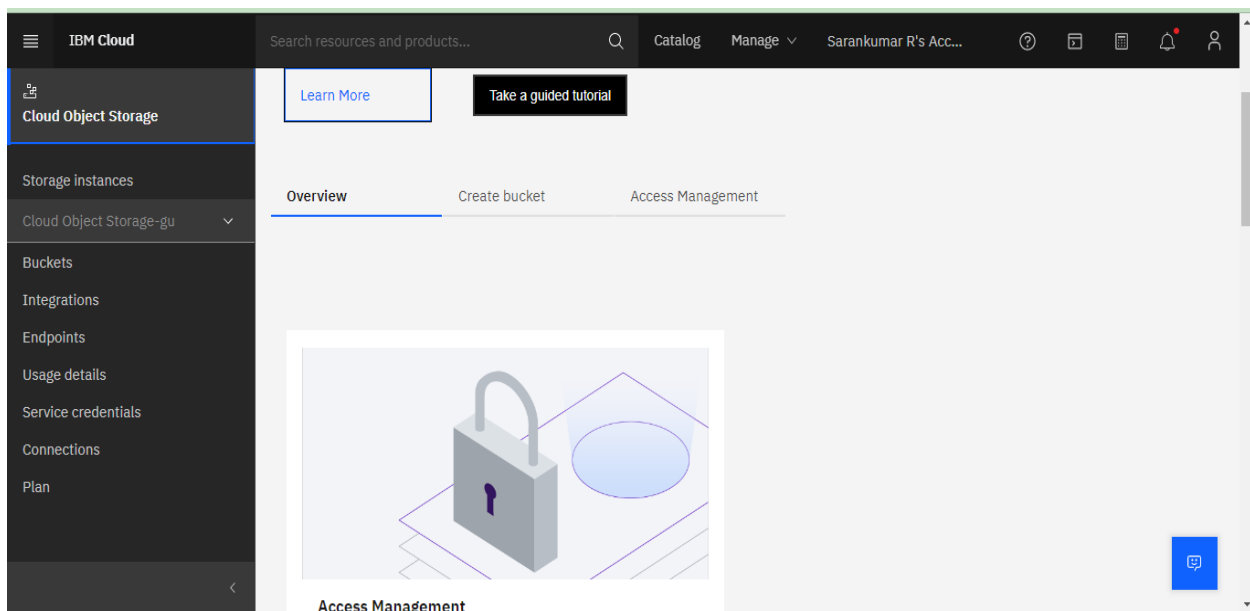
## CREATE DATABASE AND TABLES IN IBM DB2:



The screenshot shows the IBM Db2 on Cloud web interface. On the left, a sidebar lists navigation options: SQL, Tables, Views, MQTs, Aliases, and Nicknames. The main area displays the details for a table named 'GREEN\_STARTS' in a database named 'MZZ66103'. The table has 5 rows and a size of 32.0 KB. Below the table details, a table lists the columns with their data types, nullability, lengths, and scales.

Name	Data type	Nullable	Length	Scale
FNAME	VARCHAR	Y	255	0
MAIL	VARCHAR	Y	255	0
MOBILE	DECIMAL	Y	15	0
PASSWORD	VARCHAR	Y	255	0
DOB	DATE	Y	4	0
COUNTRY	VARCHAR	Y	32	0
GENDER	VARCHAR	Y	32	0

## CREATION OF OBJECT STORAGE IN IBMCLOUD:



The screenshot shows the IBM Cloud Object Storage interface. The left sidebar lists navigation options: Cloud Object Storage, Storage instances, Cloud Object Storage-gu, Buckets, Integrations, Endpoints, Usage details, Service credentials, Connections, and Plan. The main area displays the 'Access Management' section, which includes a 'Learn More' button, a 'Take a guided tutorial' button, and a diagram illustrating access management concepts. The diagram shows a padlock and a circle, representing security and access control.

## CLOUD OBJECT STORAGE BUCKETS:

The screenshot shows the IBM Cloud console interface. On the left is a dark sidebar with navigation links: Cloud Object Storage, Storage instances, Cloud Object Storage-gu, **Buckets**, Integrations, Endpoints, Usage details, Service credentials, Connections, and Plan. The main content area has a header with a search bar, 'Catalog', 'Manage', and the user's account name 'Sarankumar R's Acc...'. Below the header, the title 'Buckets' is followed by a descriptive paragraph: 'Buckets serve as containers for objects, and can be individually configured in terms of their location, resiliency, billing rates, security, and object lifecycle rules.' A table lists existing buckets with columns: Name, Public access, Location, Storage class, and Created. A 'Create bucket' button is in the top right of the table area. A blue chat icon is in the bottom right corner.

Name	Public access	Location	Storage class	Created
flaskstorage	Yes	jp-tok	Smart Tier	2022-10-12 10:22 AM
green-starts	Yes	jp-tok	Standard	2022-11-17 10:59 PM
notusual	Yes	jp-tok	Smart Tier	2022-10-16 11:33 AM
stylefiles	Yes	jp-tok	Smart Tier	2022-10-30 10:22 PM

## CREATING WATSON ASSISTANT:

The screenshot shows the IBM Cloud console for a specific resource, 'Watson Assistant-h7'. The sidebar on the left has links: Manage, Service credentials, Plan, and Connections. The main area has a header with 'Resource list /', the resource name 'Watson Assistant-h7', its status 'Active', and an 'Add tags' link. There are 'Details' and 'Actions...' buttons. The 'Manage' section is active, showing a 'Start by launching the tool' area with a 'Launch Watson Assistant' button, a 'Getting started tutorial' link, and an 'API reference' link. To the right is a 'Plan' section showing 'Lite' and an 'Upgrade' button. Below is a 'Credentials' section with 'Download' and 'Show credentials' links. It includes an 'API key' field with a masked value and a 'URL' field.

Start by launching the tool

Launch Watson Assistant | Getting started tutorial | API reference

Plan  
Lite  
Upgrade

Credentials

Download | Show credentials

API key:  
.....

URL:

## EMBEDD WATSON ASSISTANT ON TO THE WEBSITE:

IBM Watson Assistant Lite Upgrade Fileupload Bot Learning center

Web chat Live Close Save and exit

</> Embed on your website

Ready to launch? It's as easy as copy and paste. [Learn more](#)

```
<script>
window.watsonAssistantChatOptions = {
  integrationID: "e815b6ee-8f6f-4ea2-b370-016936f0586b", // The ID of this integration.
  region: "jp-tok", // The region your integration is hosted in.
  serviceInstanceID: "7a7453ce-1f10-4864-9bd0-ce7ab19a19fc", // The ID of your service instance.
  onload: function(instance) { instance.render(); }
};
setTimeout(function(){
  const t=document.createElement('script');
  t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" + (window.watsonAssistantChatOptions ?
    document.head.appendChild(t);
  });
</script>
```

Show more

## IBM CONTAINER REGISTRY:

IBM Cloud Search resources and products... Catalog Manage Sarankumar R's Acc...

Container Registry

Quick start

Namespaces 1

Repositories 1

Images 1

Trash 0

Settings

Namespaces

Location

Tokyo

Viewing filtered namespaces

A filter is applied so that only the namespace saran-ns is included in the table.

Show all namespaces

Resource group: Filter... Search Create +

<input type="checkbox"/>	Name	Resource group	Repository count	Image count	Retention policy	
<input checked="" type="checkbox"/>	saran-ns	Default	1	1	Retain all images	

Items per page: 25 1-1 of 1 item 1 1 of 1 page

## SENDGRID INTEGRATION:

Console

My first Twilio account

Trial: \$14.35 Upgrade

Jump to...

Account

Billing

SR Sarankumar

Develop

Monitor

> # Phone Numbers

> Messaging

> Studio

> Voice

Explore Products +

Docs and Support

<<

Ahoy Sarankumar, welcome to Twilio!

Connect to 3rd-party applications

You'll need 3 things to use Twilio with most 3rd-party applications:

✓ Account SID and Auth token

✓ Twilio phone number

✓ Upgraded Twilio account

Upgrade your account →

[Read 3rd-party integration FAQ](#)

Invite teammates

Add developers in your team to your account.

Invite teammates →

Talk to Sales

Connect with a Twilio expert to find out what products and plans best suit your needs.

Talk to Sales