Disaster Recovery Planning

Your Company Name

Presentation by

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Objective:

conduct a comprehensive analysis of [insert project focus] using big data techniques, in order to derive valuable insights for [insert specific purpose].

Design Thinking

Process:

The project followed a design thinking process that involved the following stages:

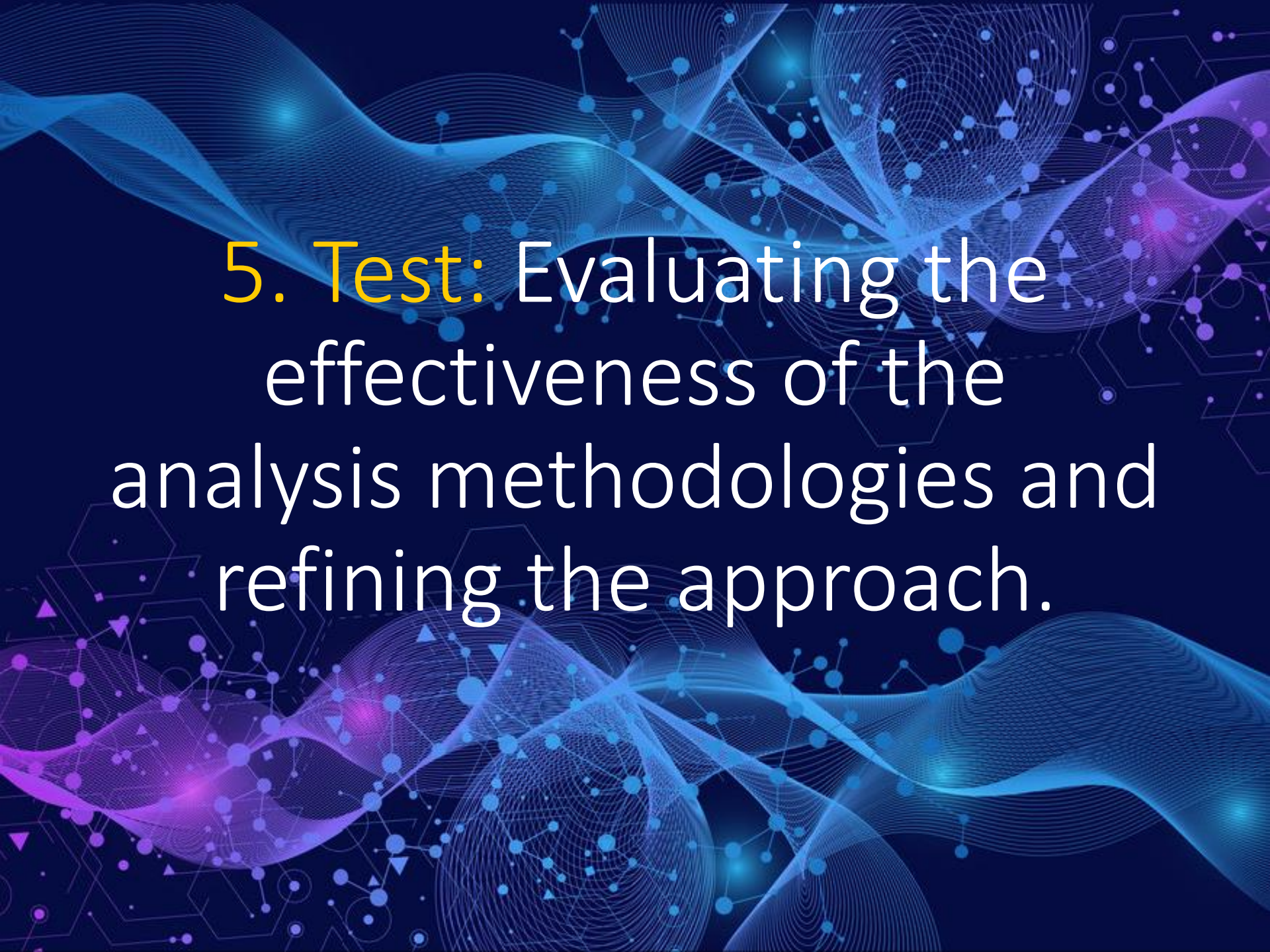
1. ***Empathize***
2. ***Define***
3. ***Ideate***
4. ***Prototype***
5. ***Test***

requirements and constraints of the project stakeholders.

2. Define: Clearly defining the scope, objectives, and constraints of the analysis project.

techniques and potential methodologies to be employed.

4. Prototype: Creating initial models and trial analyses to validate the approach.


5. Test: Evaluating the effectiveness of the analysis methodologies and refining the approach.

Development Phases:

The development of the project took place in the following stages:

1. Planning phase

2. Development phase

3. Testing phase

4. Deployment phase

1. Planning phase

Define project scope, objectives, and deliverables.

1. Planning phase

2. Development phase

Create a detailed timeline, assign tasks, and start coding the project.

Phase 6 – Testing of Disaster Recovery Plan

This slide represents the sixth phase of the DR plan, which is testing the disaster recovery plan, and in this, we will test the created plan for its vulnerabilities.

01 To know that your plan will function when you need it, it is critical to have a strategy for evaluating your disaster recovery plan regularly, and we will test it often

02 Design a test with these considerations in mind: single points of failure, recovery duration, recovery point, and the sort of catastrophe being simulated

03 Add text here

04 Add text here

2. Development

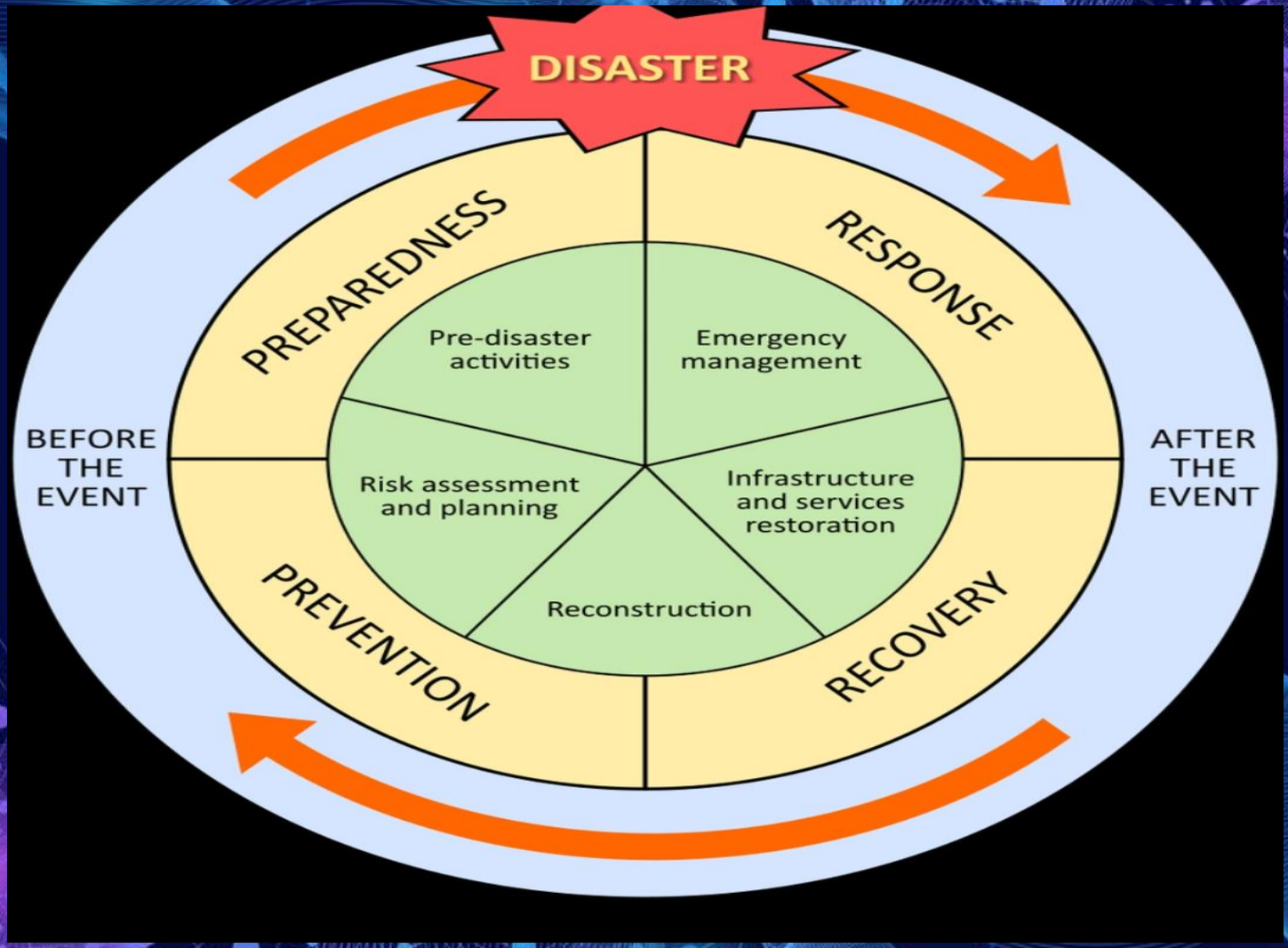
3.Testing phase

- Conduct comprehensive testing to ensure the project functions correctly and meets the requirements.

3.Testing phase

2. Development phase

Launch the project and monitor its performance.



4. Deployment

Disaster Recovery Strategy

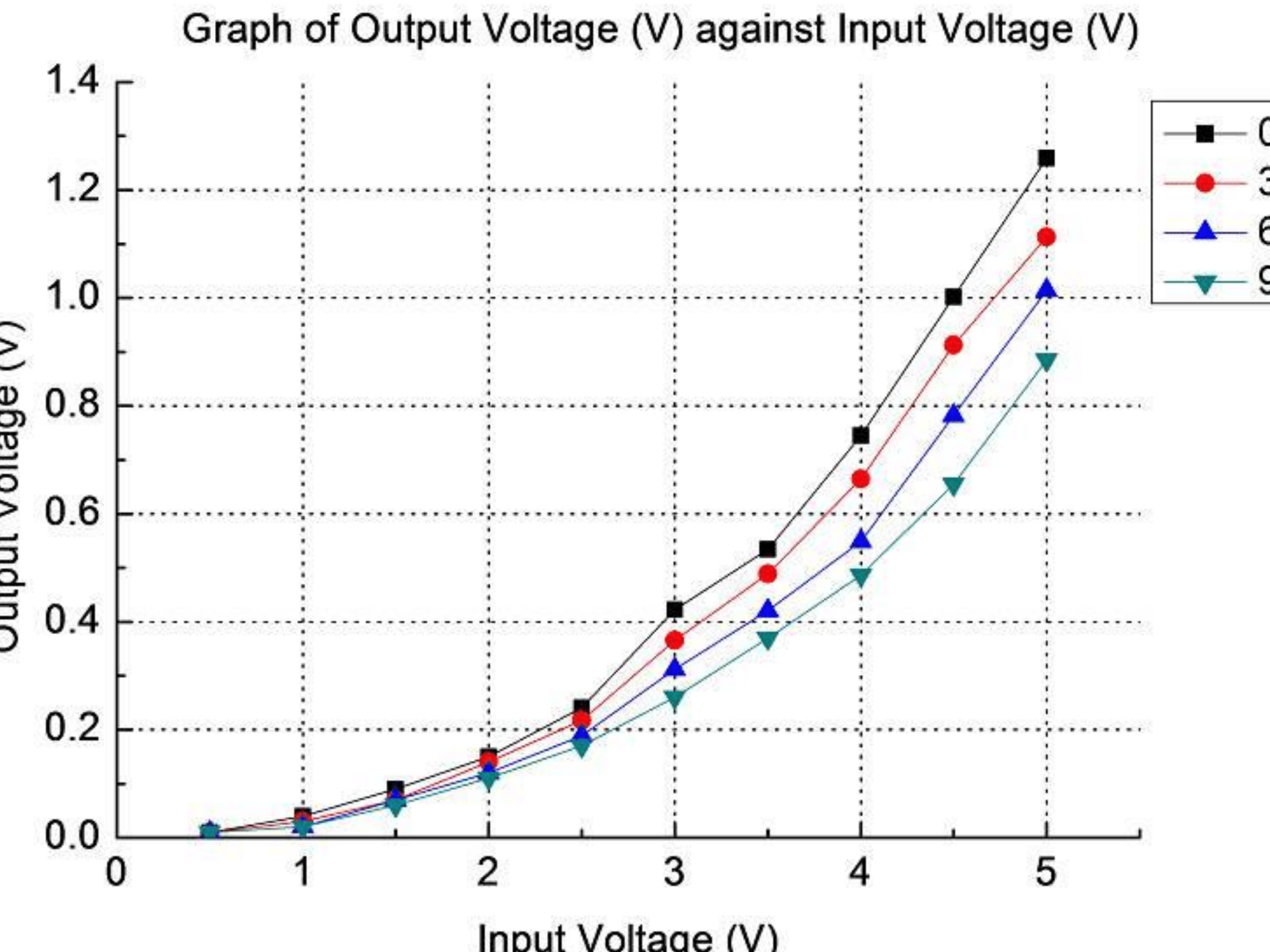
1. Implement a comprehensive backup configuration and schedule regular data backups.
2. Set up data replication to a secondary location for redundancy.
3. Establish a detailed recovery testing procedure to ensure the

Guaranteeing Business Continuity

1. Create a GitHub repository for the project and upload the code and files.
2. Document the setup and deployment process for the disaster recovery plan on IBM Cloud Virtual Servers in the repository's README file.

```
import shutil
import os
import datetime

# Define the source and destination directories
source_directory = "/path/to/source_directory"
destination_directory = "/path/to/backup_directory"

# Create a timestamp for the backup file
timestamp = datetime.datetime.now().strftime('%Y-%m-%d_%H-%M-%S')

# Check if the source directory exists
if not os.path.exists(source_directory):
```

```
# Check if the destination directory exists, if not, create it
if not os.path.exists(destination_directory):
    os.makedirs(destination_directory)

# Create the backup directory with a timestamp
backup_directory = os.path.join(destination_directory,
f"backup_{timestamp}")

# Copy the contents of the source directory to the backup
directorytry:
    shutil.copytree(source_directory, backup_directory)
    print(f"Backup created successfully at
{backup_directory}")
except shutil.Error as e:
```


Graph of Output Voltage (V) against Input Voltage (V)
Output Voltage (V)
Input Voltage (V)
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
0
1
2
3
4
5

Catalog

Db2

Category

- Recommended products (1)
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Type

- (•) All
- ( ) Services
- ( ) Software

Search results for ‘Db2’

Viewing 3 products

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Select a location

Dallas (us-south)

Select a pricing plan

Displayed prices do not include tax. Monthly prices shown are for country or location: United States

Plan	Features and capabilities	Pricing
Lite	**200 MB of data storage** 5 simultaneous connections Shared multitenant system The Free plan provides a free Db2 service for development and evaluation. The plan has a set amount of limitations as shown. You can continue using the free plan for as long as needed, however, users are asked to re-extend their free account every 90 days by email. If you do not re-extend, your free account is cleaned out a further 90 days later. This helps provide free resources for everyone. **Lite plan services are deleted after 30 days of inactivity.**	Free
Standard	**Instance with flexible scaling of compute and storage** Base instance starts at 8 GB RAM x 20 GB Storage HIPAA Enabled	$0.136 USD/Instance-Hour $0.00027 USD/Gigabyte-Hours $0.097 USD/Virtual Processor Core-Hour $0.00003 USD/BACKUP_GIGABYTE_HOURS $0.0959 USD/SERVICEENDPOINT_INSTANCE_HOURS
Enterprise	**Dedicated instance with flexible scaling of compute and storage** Base instance starts at 4 vCPU x 16 GB RAM x 20 GB Storage Uses dedicated virtual machines HIPAA Enabled	$1.30 USD/Instance-Hour $0.00027 USD/Gigabyte-Hours $0.30 USD/Virtual Processor Core-Hour $0.00003 USD/BACKUP_GIGABYTE_HOURS $0.0959 USD/SERVICEENDPOINT_INSTANCE_HOURS

Summary

Db2 **Free**
Location: Dallas
Plan: Lite
Service name: Db2-ud
Resource group: Default

I have read and agree to the following license agreements:
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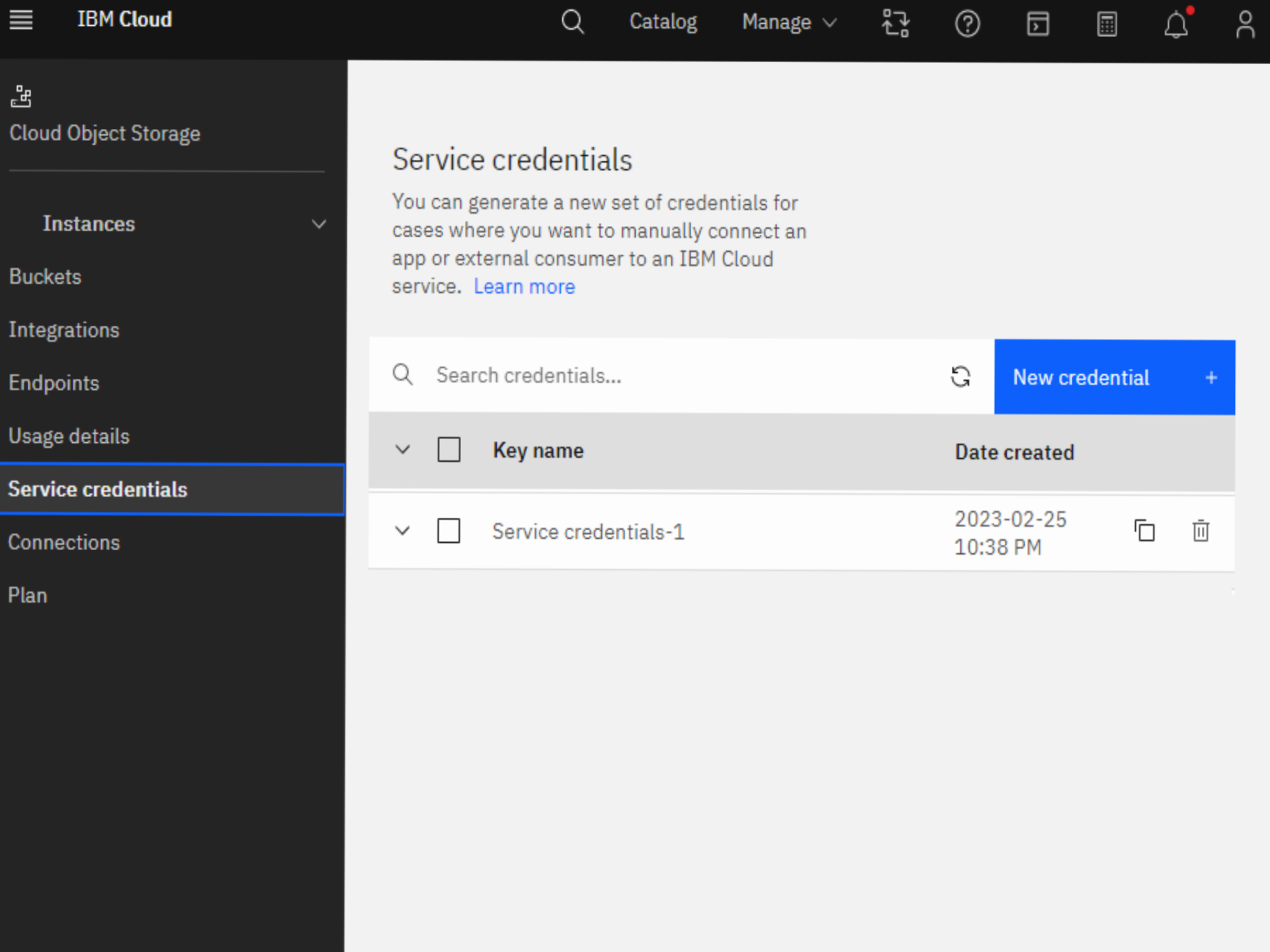
Create

Add to estimate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New credential
Key name
Date created
Service credentials-1
2023-02-25 10:38 PM


THANK YOU