

# Personal Budgets



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# Objective:

The main objective of this project was to 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:

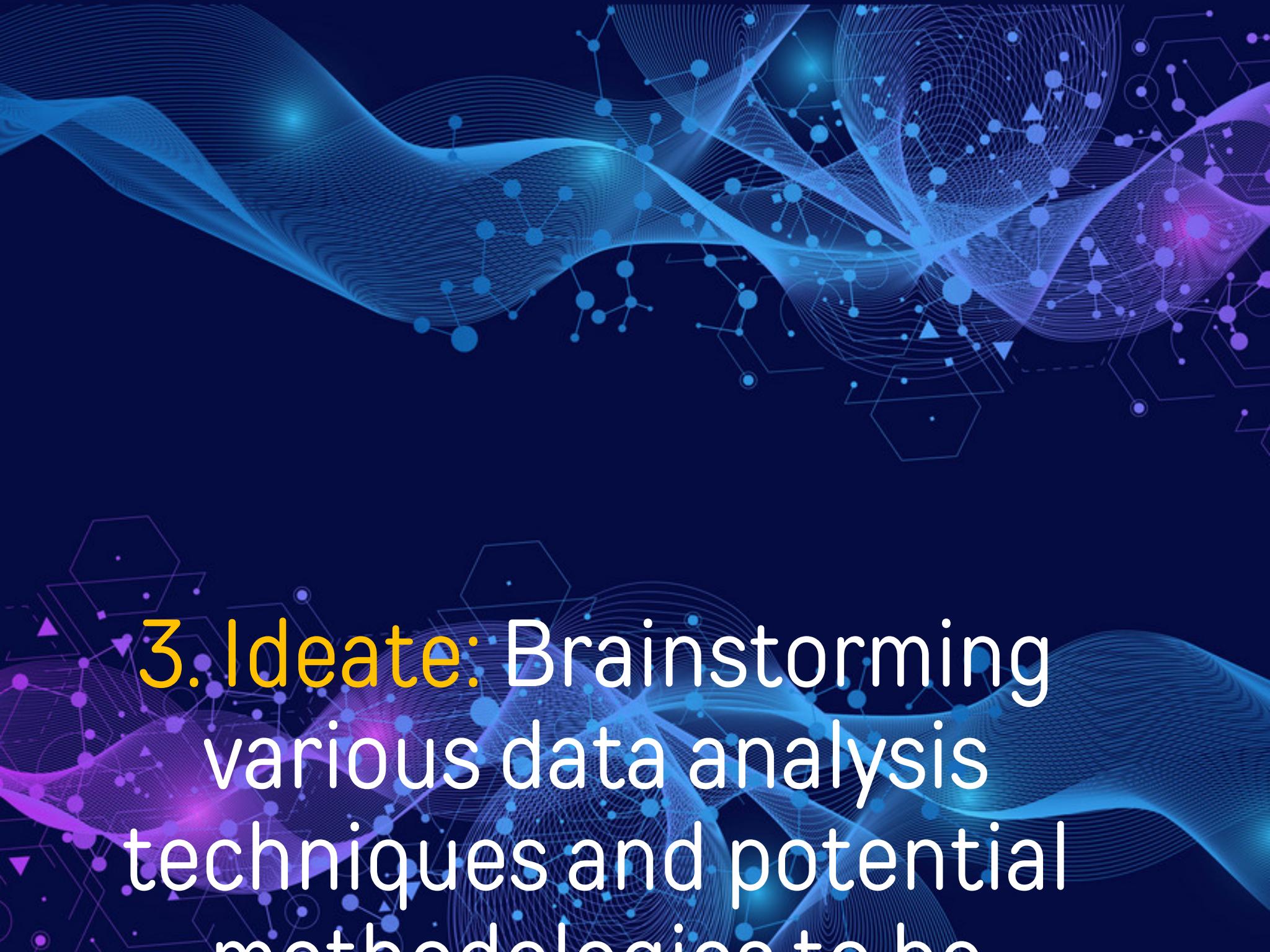
The project followed a design thinking process that involved the following stages:

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

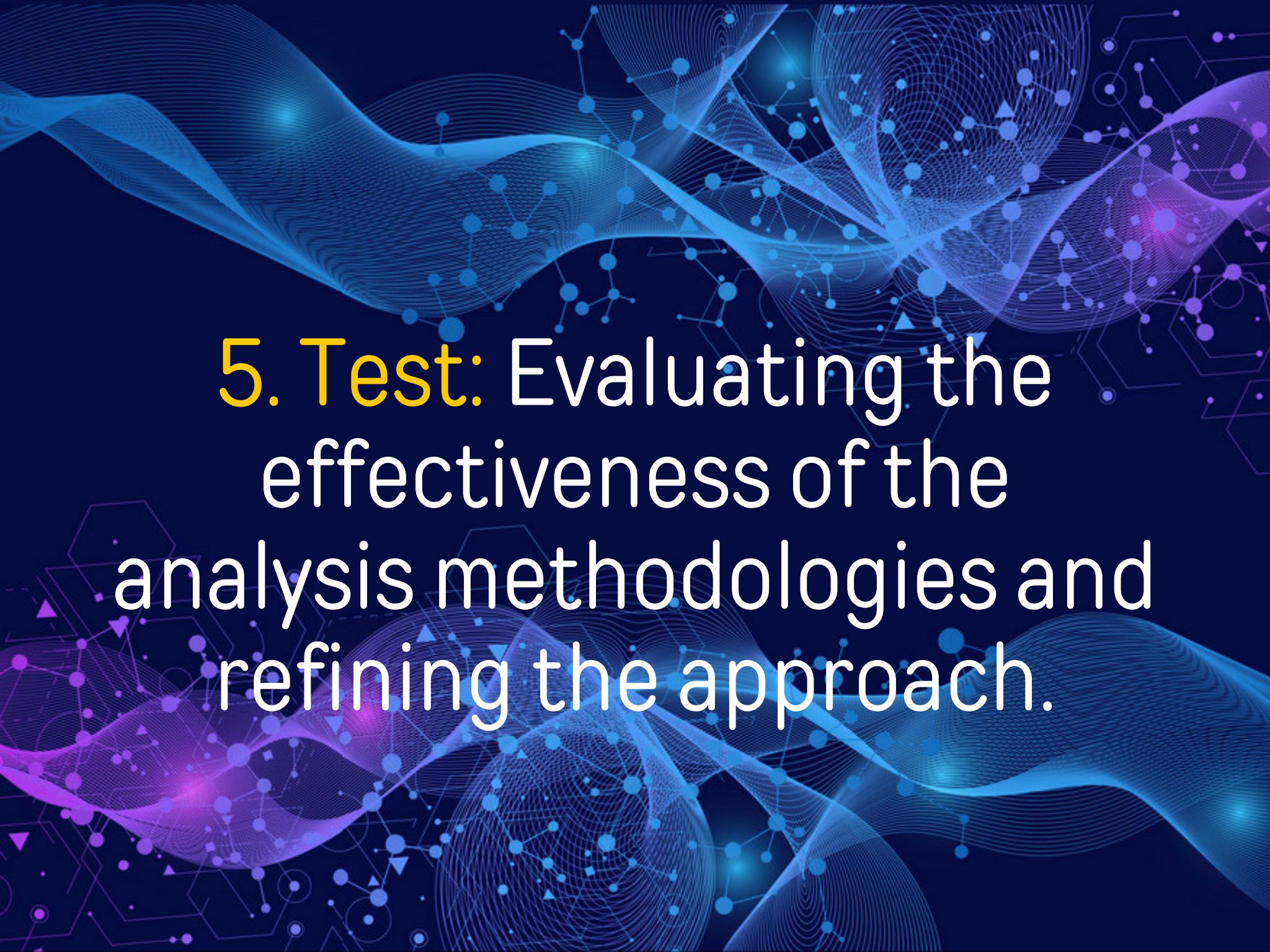


# 1. Empathize:

Understanding the requirements and constraints of the project



**3. Ideate:** Brainstorming various data analysis techniques and potential methodologies to be



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.



AkitaBox



1. *Planning phase*

## *2. Development phase*

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

## – Testing of Disaster Recovery Plan

ith 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 formal testing process for evaluating your disaster recovery plan. We will start by testing the most critical components of our plan, and we will test it often.
- 02 Design a test with these considerations in mind: identify the single points of failure, recovery time objectives, recovery point objective, and the sort of disaster scenarios that are most likely to be 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

# Website Structure

Home Page:

Introduction to the blog, featured posts, and navigation.

Blog Categories:

Different sections or categories for specific topics.

Individual Blog Posts:

Detailed articles with text, images, and potentially multimedia elements.

About Page:

Information about the author or team behind the blog.

Contact Page:

A form or contact details for user inquiries.

Search and Navigation:

Search bar, category filters, and intuitive navigation menus.

```
from flask import Flask, render_template

app = Flask(__name__)

# Dummy data for blog posts
posts = [
    {'id': 1, 'title': 'First Post', 'content': 'This is my first blog post.'},
    {'id': 2, 'title': 'Second Post', 'content': 'Another blog post for testing.'},
]

@app.route('/')
def home():
    return render_template('home.html', posts=posts)

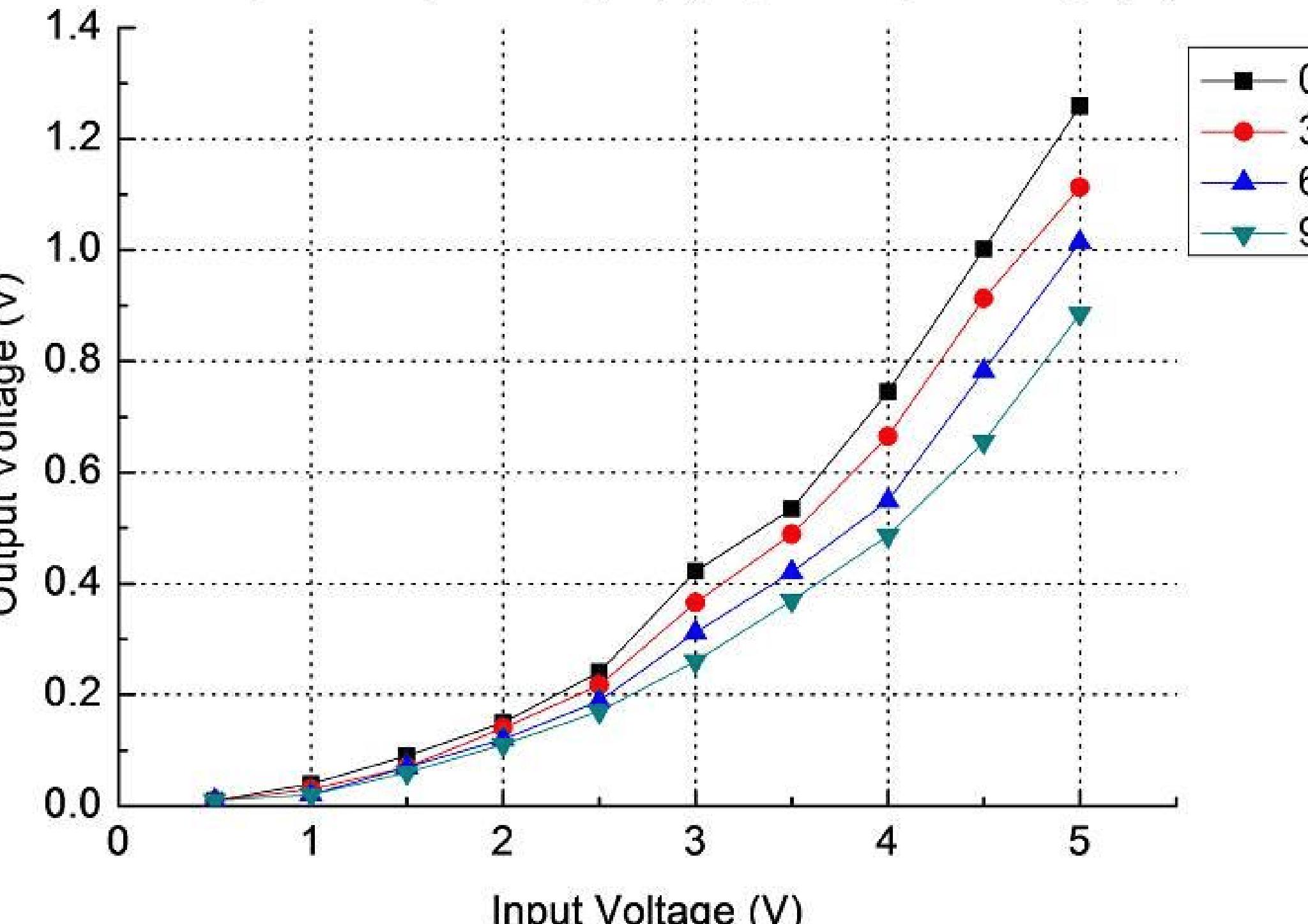
@app.route('/post/<int:id>')
def post(id):
    post = next((p for p in posts if p['id'] == id), None)
    if post:
        return render_template('post.html', post=post)
    else:
        return "Post not found.", 404

if __name__ == '__main__':
    app.run(debug=True)
```

# Output

python app.py

# Graph of Output Voltage (V) against Input Voltage (V)



# Catalog

 Db2



## Category



## Search results for 'Db2'

 Recommended products (1)

 Compute (1)

Viewing 3 products

 Storage (1)

 Databases (2)

 Developer tools (1)

## Type



All

Services

Software



### Db2

By IBM

A fully managed, highly-performant relational data store running the enterprise-class **Db2** database engine.

Lite • Free • EU Supported • HIPAA Enabled • IAM-enabled •  
IBM supported

## Db2

A fully managed, highly-performant relational data store running the enterprise-class Db2 database engine.

Create

About

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	<b>200 MB of data storage</b> 5 simultaneous connections Shared multitenant system	Free	
<p>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.</p> <p><b>Lite plan services are deleted after 30 days of inactivity.</b></p>			
Standard	<b>Instance with flexible scaling of compute and storage</b> Base instance starts at 8 GB RAM x 20 GB Storage 	\$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	<b>Dedicated instance with flexible scaling of compute and storage</b> Base instance starts at 4 vCPU x 16 GB RAM x 20 GB Storage Uses dedicated virtual machines 	\$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	

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## Object Storage

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## Service credentials

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## Service credentials

You can generate a new set of credentials for cases where you want to manually connect an app or external consumer to an IBM Cloud service. [Learn more](#)

Search credentials...



New credential

 Key name

Date created

 Service credentials-12023-02-25  
10:38 PM



# THANK YOU