# 🟣 Agentic AWS Resource Creator – Demo Summary

This document showcases the successful demo of an Agentic AI tool built using LangGraph that interprets natural language to create AWS resources using Terraform logic. The agent uses Claude via Amazon Bedrock to understand user prompts and create S3 buckets accordingly.

## ✅ Demo Capabilities

- Accepts natural language input to create AWS resources.

- Extracts service, action, bucket name, and region using Claude.

- Prompts for confirmation before taking action.

- Creates the S3 bucket in the correct AWS region.

- Uses a specific AWS CLI profile if mentioned.

## 🧠 Agent Workflow

1. Accept user input like: 'I want to create s3 bucket named "my-bkt-vai-vai" in ca-central-1'

2. `parse\_request.py` extracts required data using Claude

3. `ask\_missing.py` ensures all values are filled (like region/profile)

4. `confirm.py` asks user confirmation interactively

5. `deploy.py` creates the S3 bucket using `boto3`

## 📦 Final Output

When confirmed, the bucket is created in the correct AWS region with the specified name.

Example:

✔️ Bucket 'my-bkt-vai-vai-shaho' created successfully in ca-central-1

## 📸 Screenshot of Success





