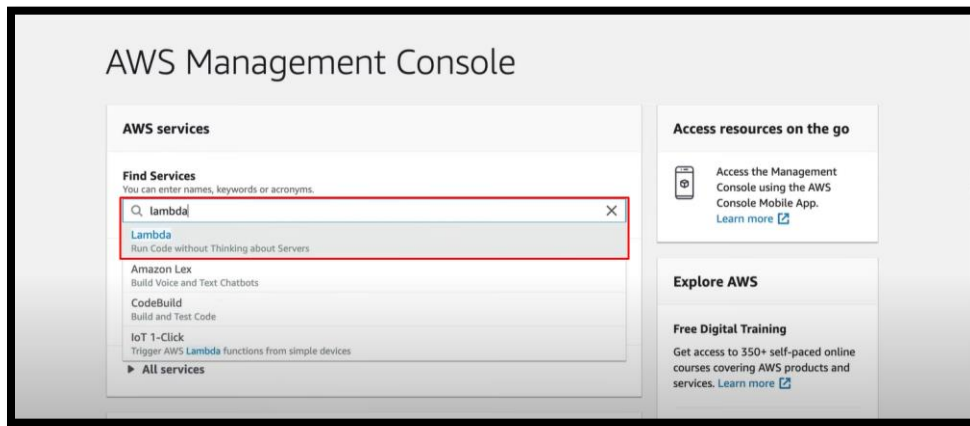


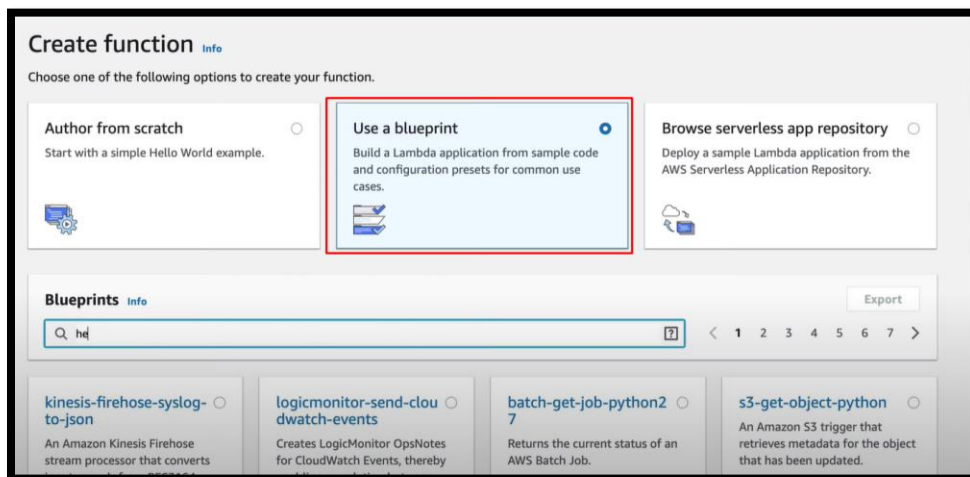
Step 1: Search for Lambda.



Step 2: Click on **Create Function**.



Step 3: Use Blueprint for Demonstration.



Step 4: Use **hello-world-python**.



Step 5: Under Functions, Provide a function name.

**Basic information** [Info](#)

Function name

hello-world

Execution role

Choose a role that defines the permissions of your function. To create a custom role, go to the [IAM console](#).

Create a new role with basic Lambda permissions ▼

**i** Role creation might take a few minutes. The new role will be scoped to the current function. To use it with other functions, you can modify it in the IAM console.

Lambda will create an execution role named hello-world-role-nvb34fuc, with permission to upload logs to Amazon CloudWatch Logs.

Step 6: Our Lambda Function Code & click on Create Function.

Runtime

Python 3.7

```
1 import json
2
3 print('Loading function')
4
5
6 def lambda_handler(event, context):
7     #print("Received event: " + json.dumps(event, indent=2))
8     print("value1 = " + event['key1'])
9     print("value2 = " + event['key2'])
10    print("value3 = " + event['key3'])
11    return event['key1'] # Echo back the first key value
12    #raise Exception('Something went wrong')
13
```

Cancel Create function

Step 7: Configure Test Event (what we want to test)

### Configure test event

A function can have up to 10 test events. The events are persisted so you can switch to another computer or web browser and test your function with the same events.

☒ Create new test event  
☐ Edit saved test events

Event template  
Hello World

Event name  
SimpleEvent

```
1 {  
2   "key1": "value1",  
3   "key2": "value2",  
4   "key3": "value3"  
5 }
```

Step 8: Finally, our Lamda Function code is succeeded.

Execution result: succeeded (logs)

▼ Details

The area below shows the result returned by your function execution. [Learn more](#) about returning results from your function.

"value1"

Summary

Code SHA-256	Request ID
JuZS+cOkZVgGc+hkNjhoOsnTTyZllytGikgk+dXocdl=	429ba872-794c-4829-86da-c0de83c523f6
Duration	Billed duration
1.54 ms	100 ms
Resources configured	Max memory used
128 MB	56 MB Init Duration: 117.40 ms

Log output

The section below shows the logging calls in your code. These correspond to a single row within the CloudWatch log group corresponding to this Lambda function. [Click here](#) to view the CloudWatch log group.