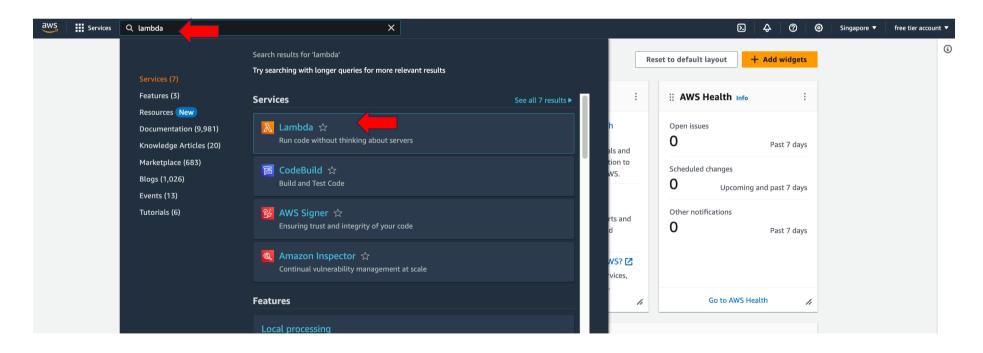
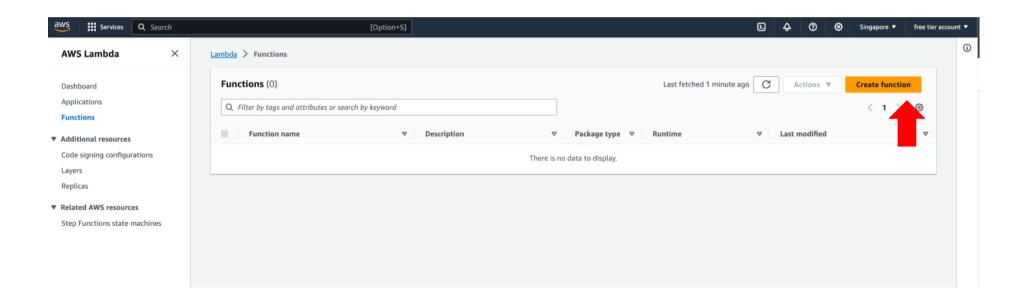


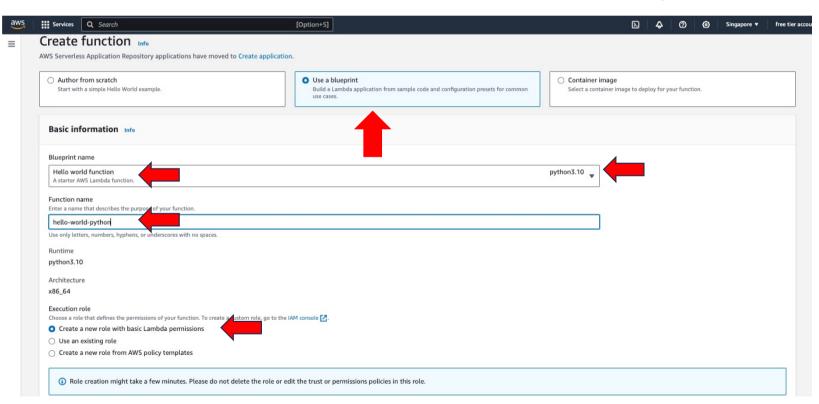
When you <u>click here</u>, the AWS Management Console will open in a new browser window, so you can keep this step-by-step guide open. In the top navigation bar, search for Lambda and open the AWS Lambda Console.

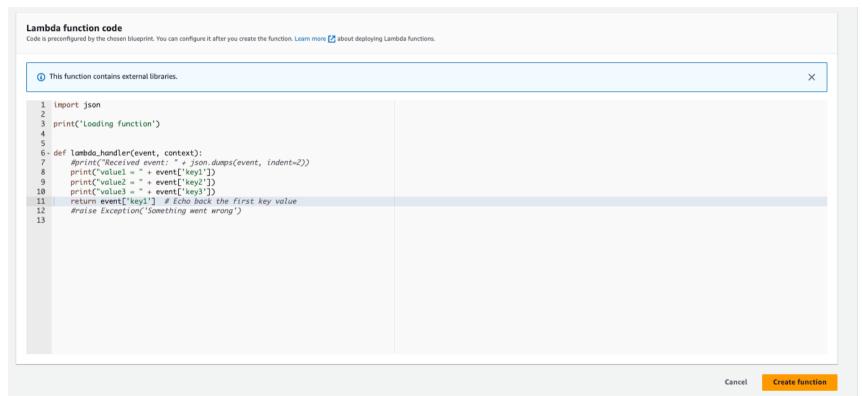


# In the AWS Lambda console, choose **Create function**.



- 1. Select "use a blueprint"
- 2. In the Blueprint name box, ensure "Hello world function" with "python 3.10" blueprint is selected.
- 3. In the Function name box, enter "hello-world-python".
- 4. For Execution role, select "Create a new role with basic Lambda permissions.

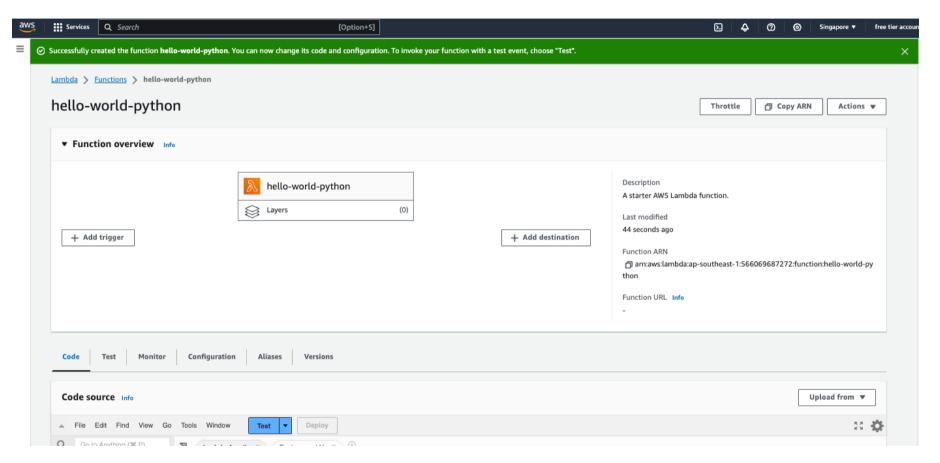




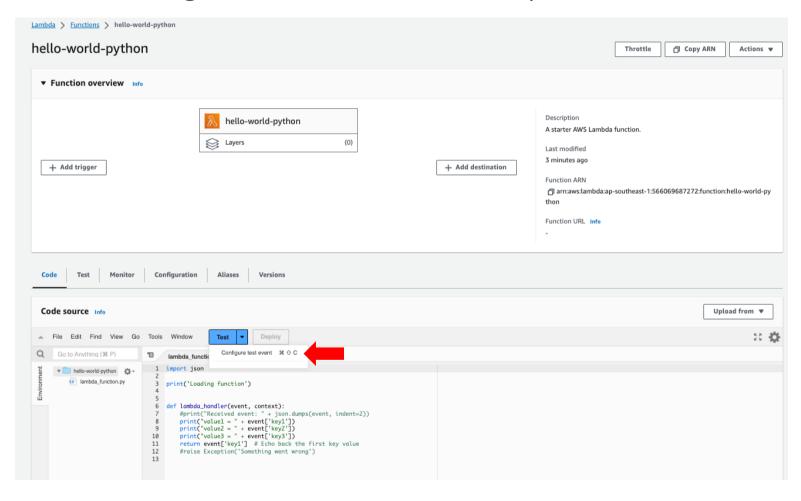


Press the Create Function button

#### The lambda function hello-world-python has been created successfully

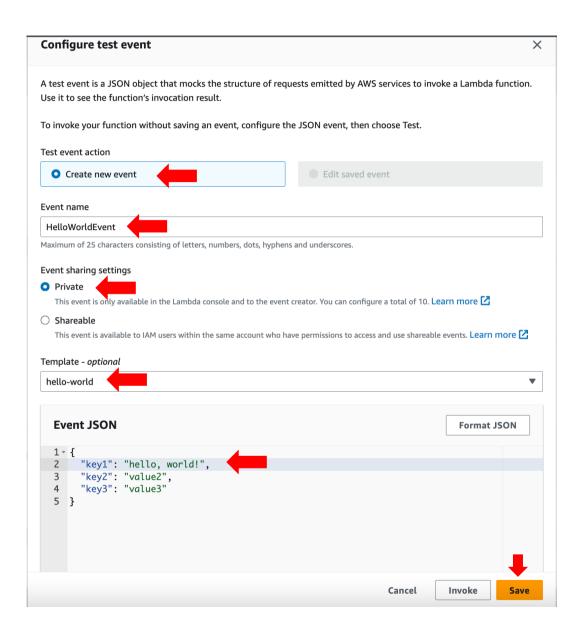


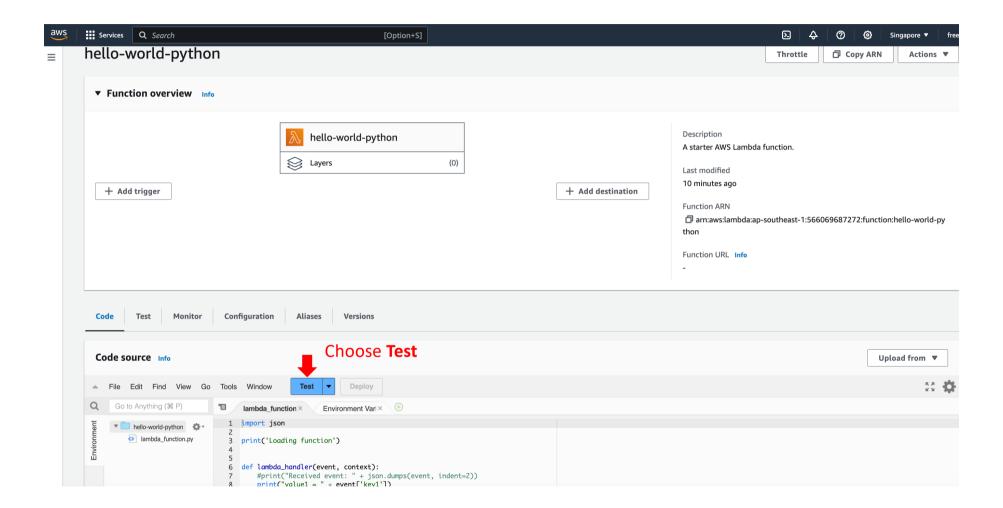
Select Configure Test Event from the drop-down menu called Test.



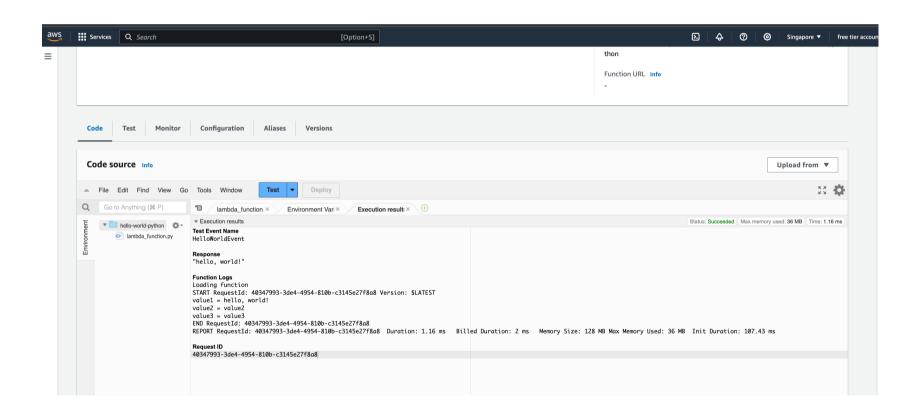
The editor pops up so you can enter an event to test your function.

- Select Create new event.
- •Type in an event name like *HelloWorldEvent*.
- •Retain default setting of *Private* for Event sharing settings.
- •Choose *hello-world* from the template list.
- •You can change the values in the sample JSON, but don't change the event structure. For this tutorial, replace *value1* with *hello*, *world!*.
- •Click Save button





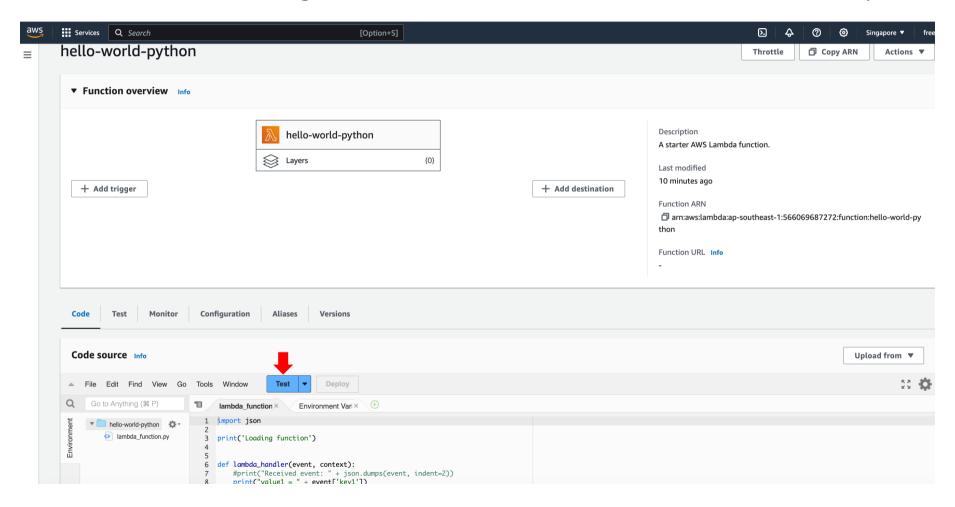
#### Upon successful execution, view the results in the console: The Execution results tab verifies that the execution succeeded



### Extra mile: monitors Lambda metrics

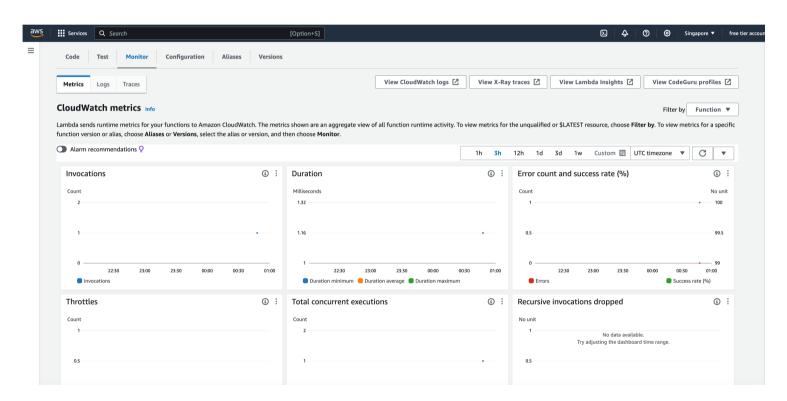
- AWS Lambda automatically monitors Lambda functions and reports metrics through Amazon CloudWatch.
  - This page is optional and is intended for participants who wish to delve deeper into the topic, as we didn't cover CloudWatch in this workshop.
  - For more information about CloudWatch, see the <u>Amazon CloudWatch Developer</u> Guide.

Invoke the Lambda function a few more times by repeatedly choosing the **Test** button. This will generate the metrics that can be viewed in the next step.



Select the **Monitor** tab to view the results.

• The Monitoring tab will show seven CloudWatch metrics: *Invocations, Duration, Error* count and success rate (%), Throttles, Async delivery failures, IteratorAge, and Concurrent executions.



## Clean Up - Select the **Actions** button and select Select the Actions button and select Delete function

