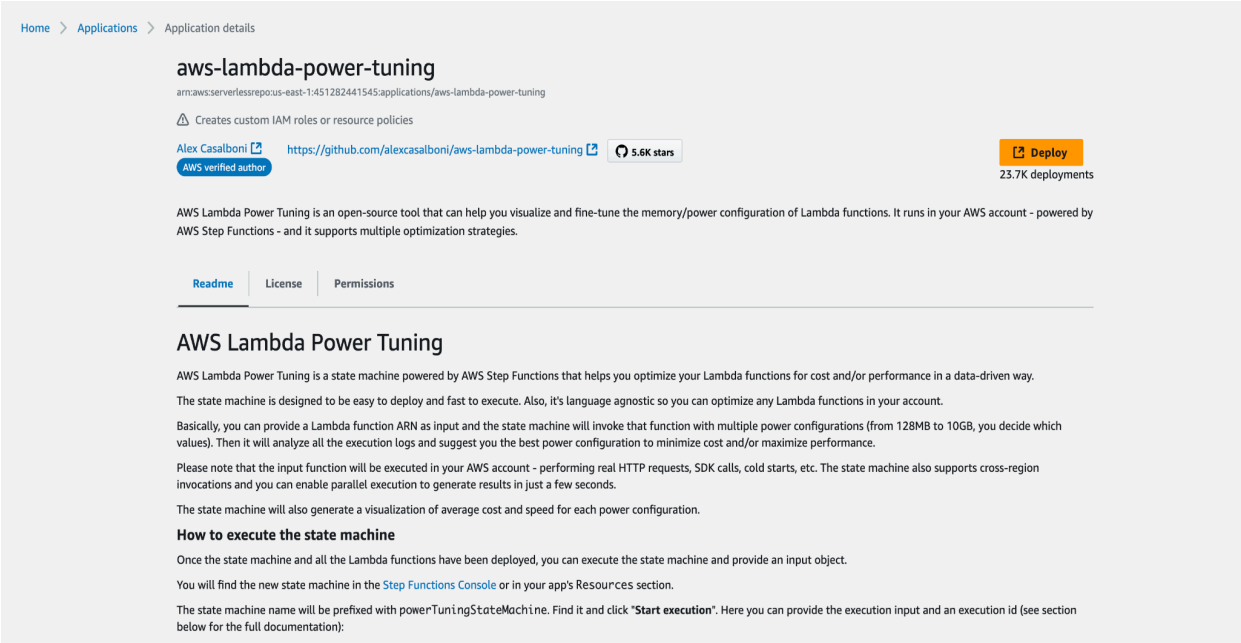
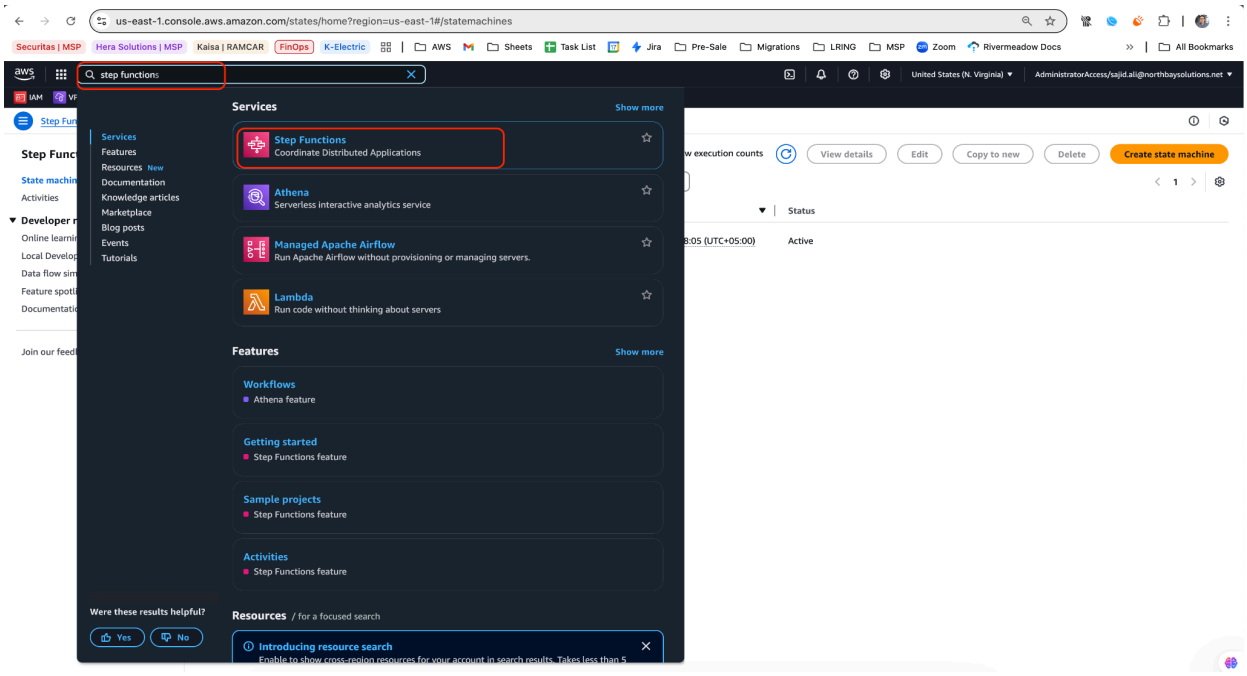
Lambda Power Tuner - Runbook

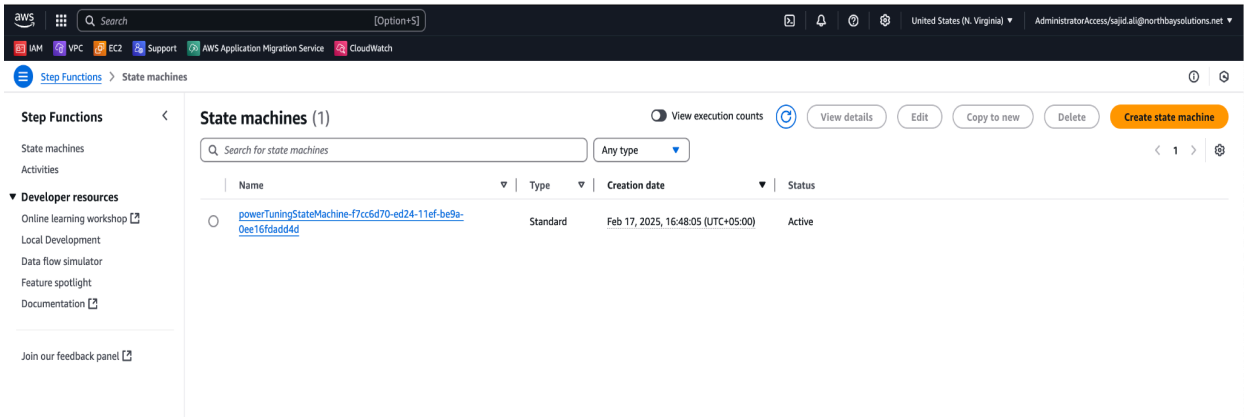
Deploy the Lambda Power Tuner by opening [Power Tuner Deployment Link] and then clicking the “Deploy” button on the page below.



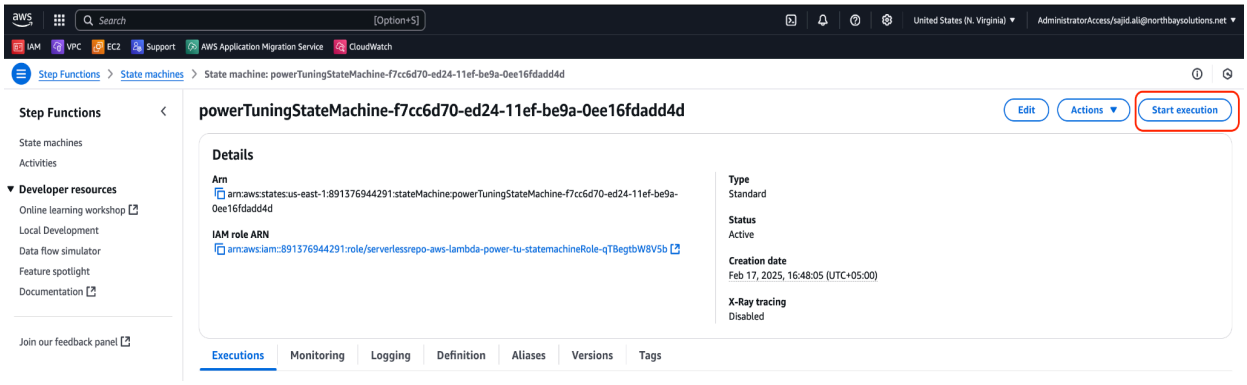
This will deploy a CloudFormation Stack, and create resources like lambda functions, Step Function as well as IAM Roles as well.
Search for Step Functions in AWS Services.



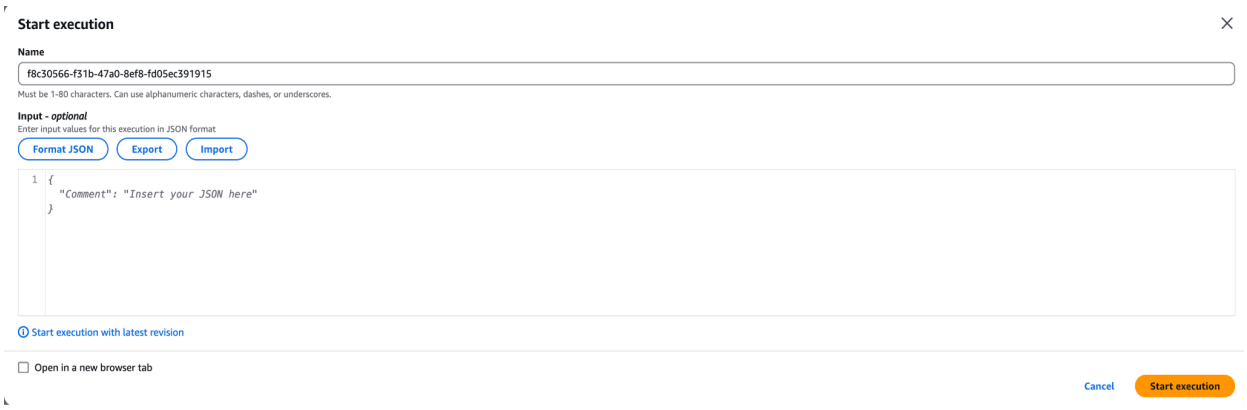
Click on the state machine available in step functions starting with “powerTuningStateMachine”



Below page will appear and now click on “Start execution”



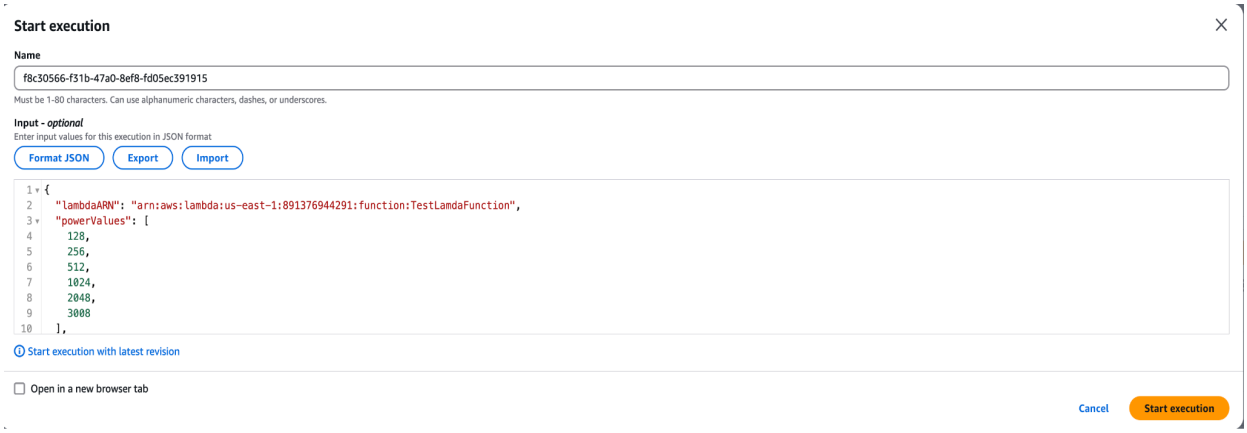
This popup will appear



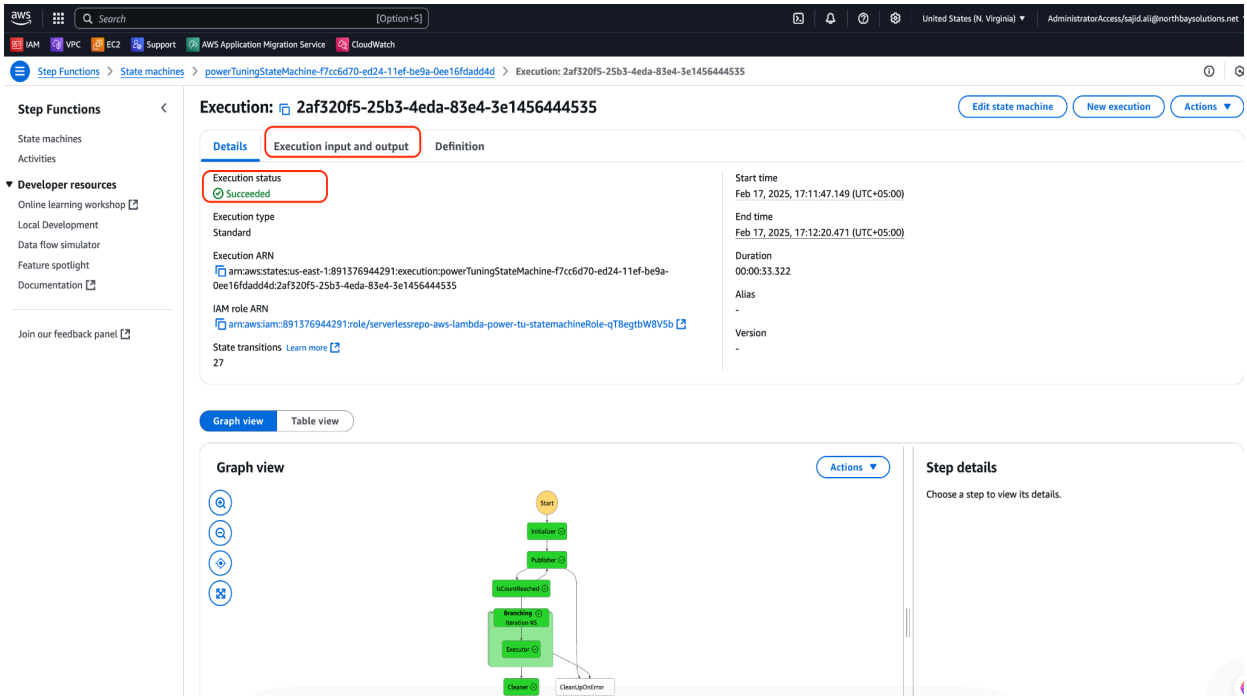
Provide the blow input in the “input - optional” section.

```
Unset
{
    "lambdaARN": "your-lambda-function-arn",
    "powerValues": [128, 256, 512, 1024, 2048, 3008],
    "num": 10,
    "payload": "{}",
    "parallelInvocation": true,
    "strategy": "cost"
}
```

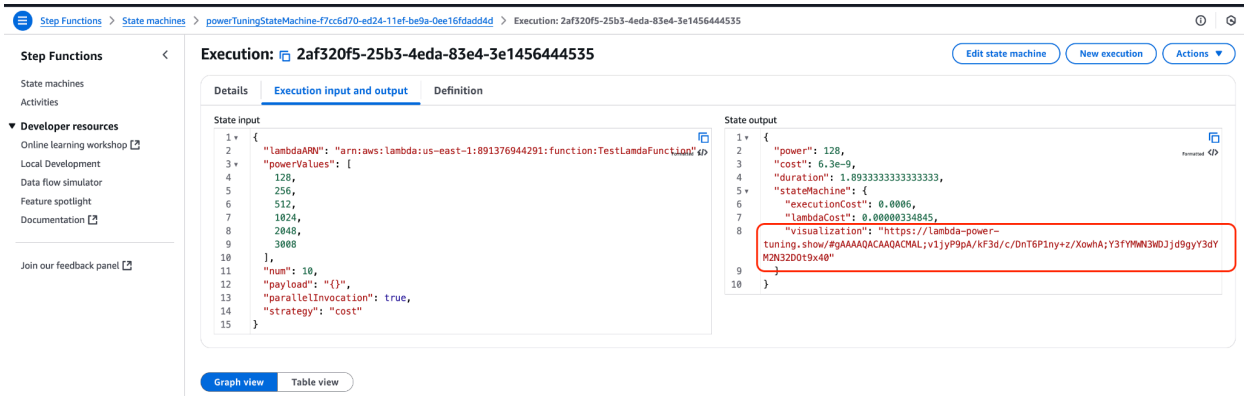
Update the lambda function ARN and click on “Start execution”



Check the “execution status” if succeeded then click on “Execution input and output”



In the state output section we have “visualization” link that has the detail about the lambda function cost and performance.



Information in the visualization link.