
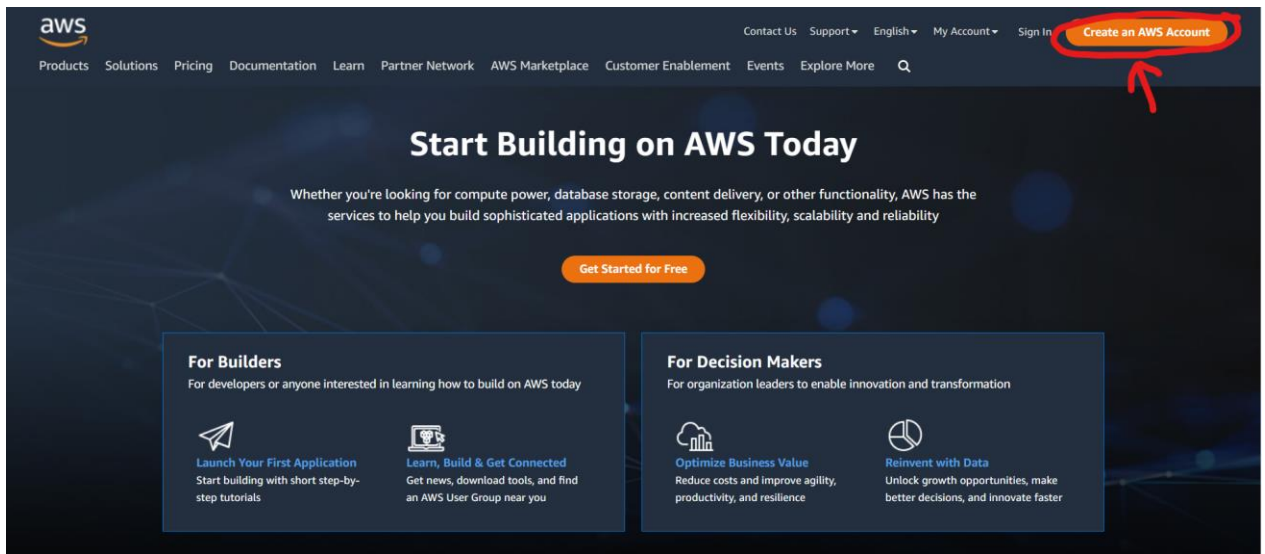


ASSIGNMENT 1


Problem Statement: Create an account in AWS and configure a budget.

Create an account in AWS



Explore Free Tier products with a new AWS account.

To learn more, visit aws.amazon.com/free.



Sign up for AWS

Root user email address
Used for account recovery and some administrative functions

AWS account name
Choose a name for your account. You can change this name in your account settings after you sign up.

Verify email address

OR

Sign in to an existing AWS account

1. Open the [Amazon Web Services home page](https://aws.amazon.com).
2. Choose **Create an AWS account**. Make sure to create the account as a **root user** to unlock full functionality of the newly created AWS account.
3. Enter your account information, and then choose **Continue**. Be sure that you enter your account information correctly, especially your email address.
4. Choose **personal** account.
5. Enter your personal information.

6. Read and accept the **AWS Customer Agreement**.

7. Choose Create Account and Continue.

8. On the Payment Information page, enter the information about your **payment method**, and then choose **Verify and Add**. You can't proceed with the sign-up process until you add a valid payment method.

9. Next, you must **verify** your **phone number**. Choose your country or region code from the list, and enter a phone number where you can be reached in the next few minutes.

10. Enter the code displayed in the CAPTCHA, and then submit.

11. When the automated system contacts you, enter the PIN you receive and then choose Continue.

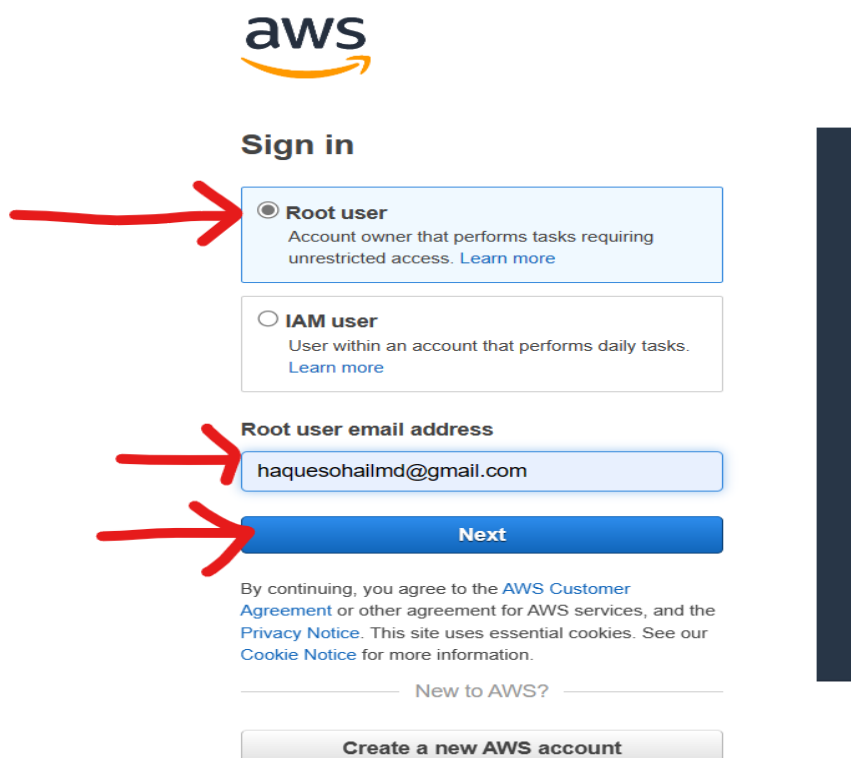
12. On the **Select a Support Plan** page, choose **the free tier**.

13. Finally, wait for your new account to be **activated**. This usually takes a few minutes but can take up to **24 hours**.

14. When your account is **fully activated**, you receive a **confirmation email message**. Check your email and spam folder for the confirmation message. **After you receive this email message, you have full access to all AWS services.**

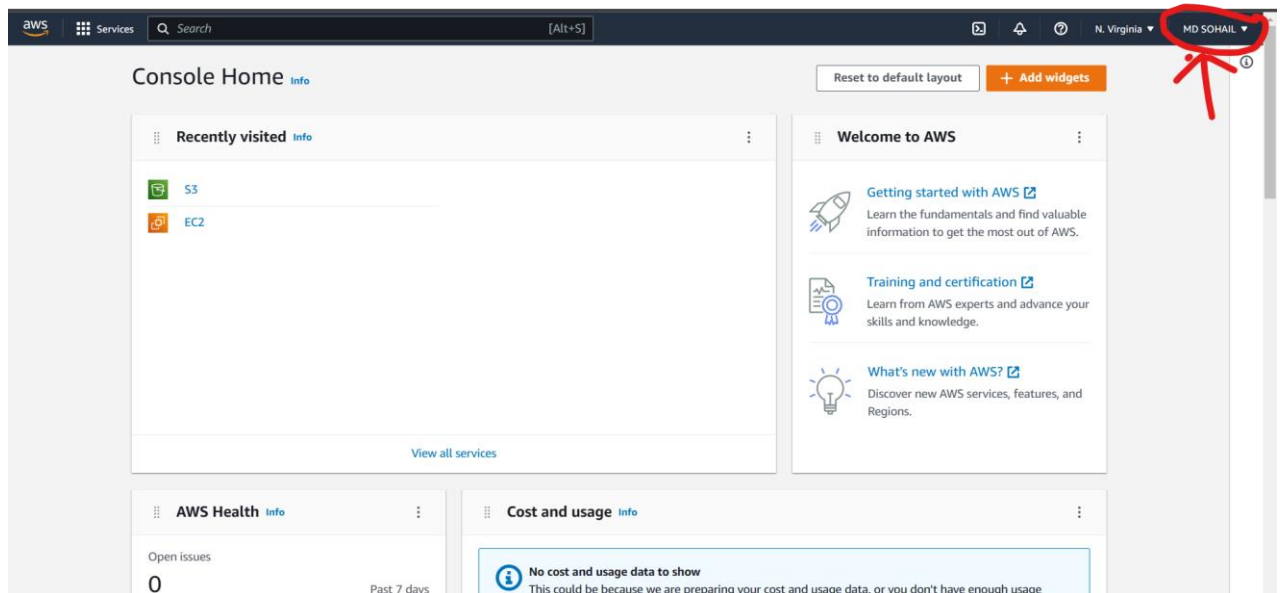
Configure a Budget

1. Sign in to the console using your credentials for your newly created account.

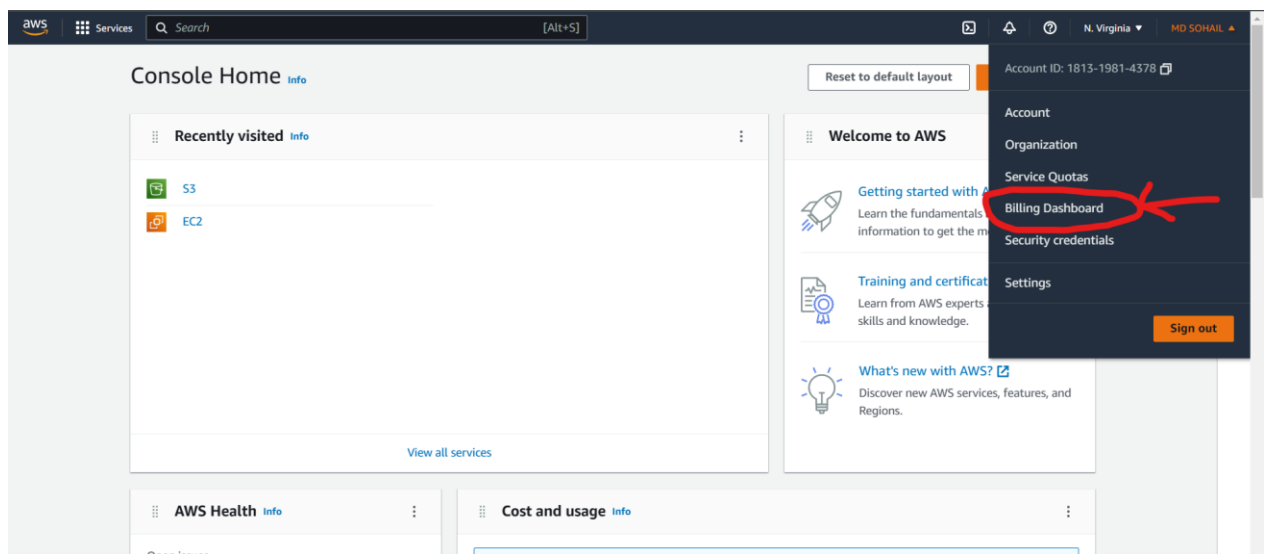


The screenshot shows the AWS Sign in page. At the top is the AWS logo. Below it is the heading "Sign in". There are two radio button options: "Root user" (selected) and "IAM user". The "Root user" option has a description: "Account owner that performs tasks requiring unrestricted access. [Learn more](#)". The "IAM user" option has a description: "User within an account that performs daily tasks. [Learn more](#)". Below these options is a text input field labeled "Root user email address" containing the email "haquesohailmd@gmail.com". A blue "Next" button is below the email field. At the bottom, there is a link to the "AWS Customer Agreement" and a "Privacy Notice", followed by a "New to AWS?" link and a "Create a new AWS account" button. Red arrows point to the "Root user" radio button, the email input field, and the "Next" button.

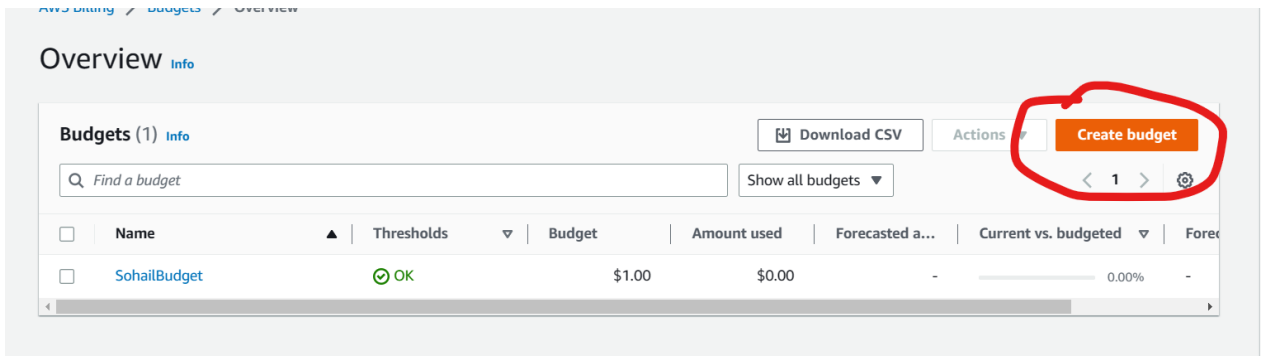
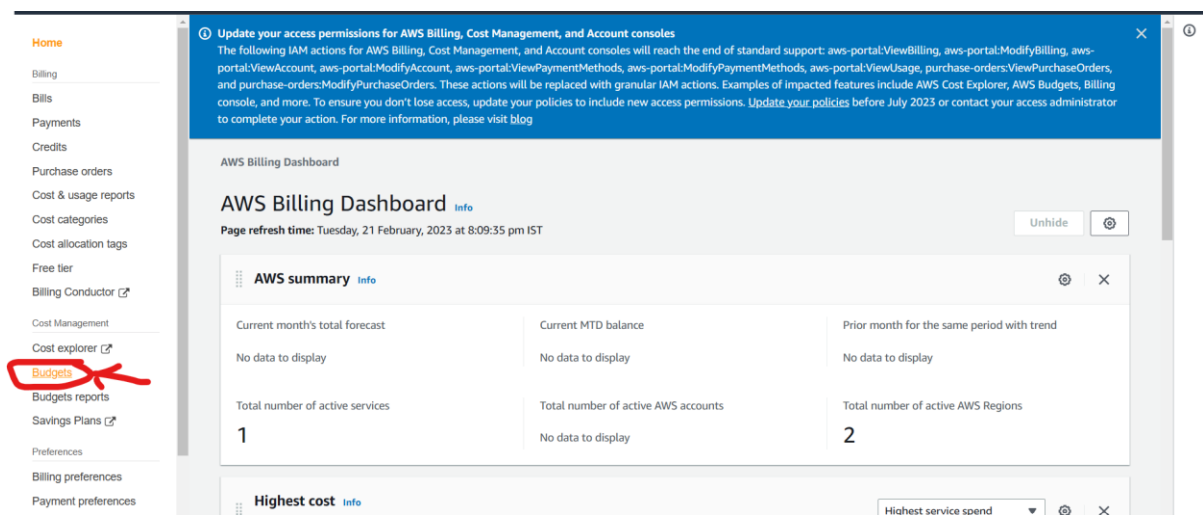
2. Now after successfully signing in we will arrive at the home page. Then click on down arrow beside your account name on the top right corner of the home page.



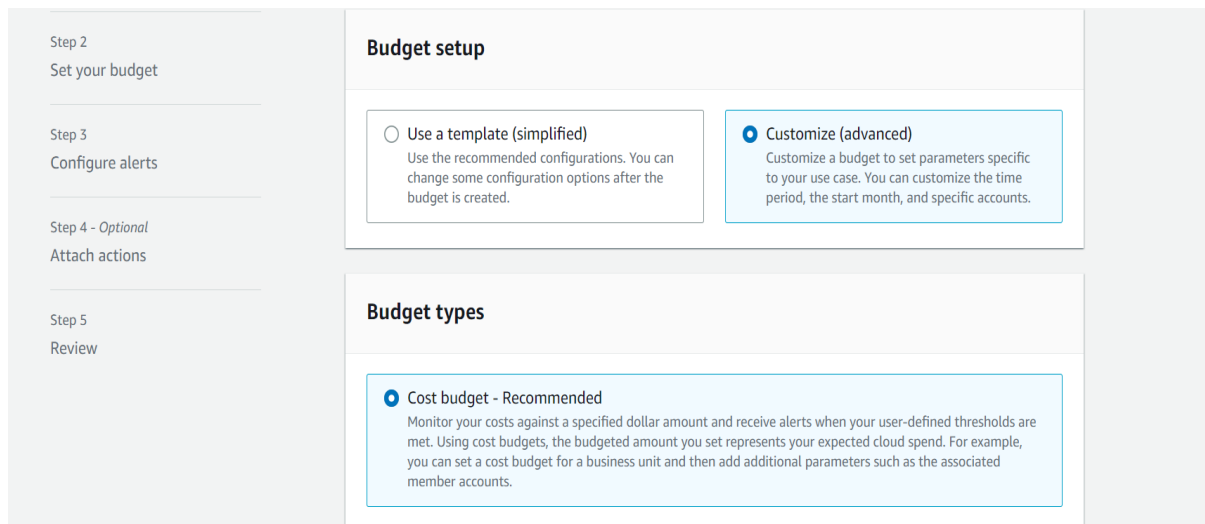
3. A drop down will appear and select **Billing Dashboard** from the list.



4. After arriving in Billing Dashboard, go to the **Budgets** section on the left side panel under cost management. Click on the **Create Budget** button in the **overview** page to start creating a new budget for your AWS account.



5. Select **Customize** in Budget Setup section and **Cost Budget** in the Budget Types section. Then click on **Next**.



6. Enter **Budget Name**. Then set your **Budget Period**, preferably **Monthly** and set **Renewal Type** to **Recurring**.

7. Scroll down and Enter your Budgeted amount. For best free usage enter 1 in the box. (All amounts are automatically considered in dollars "\$")

Budgeting method [Info](#)

Fixed
Create a budget that tracks against a single monthly budgeted amount.


Enter your budgeted amount (\$)
Last month's cost: \$0.00

1|

8. No need to change any other options in the page. So, now we click on **Next**.
9. Next, we move on to Configure Alerts. This is required to let AWS know when to show us a warning when we reach a certain limit or threshold of our budgeted amount in our stipulated time period. Here, we select **Add an Alert Threshold** button.

Budget amount

Your budgeted amount: **\$1.00**
To change your budgeted amount, go back to step 2.

 No alert thresholds created.

[Add an alert threshold](#)

10. Now set Alert #1. Give a suitable threshold value in percentage of the actual budgeted amount. If that threshold is reached an alert will be sent by AWS. Also, mention the email address(/es) where AWS should send you the alerts.

Set alert threshold

Threshold

When should this alert be triggered?

10

% of budgeted amount ▼

Trigger

How should this alert be triggered?

Actual ▼

Summary: When your actual cost is greater than **10.00% (\$0.10)** of your **budgeted amount (\$1.00)**, the alert threshold will be exceeded.

Notification preferences

Select one or more notification preferences to receive alerts.

Email recipients

Specify the email recipients you want to notify when the threshold has exceeded.

haquesohailmd@gmail.com

Maximum number of email recipients is 10.

► **Amazon SNS Alerts - *Optional Info***

► **AWS Chatbot Alerts**

11. Click on Next.

12. Again, click on Next after reviewing your alert summary.

13. Now, we are finally at the review or summary page of the whole budget. Click on **Create Budget** button to finally create your Budget!

14. After this step you will be redirected to the **overview page** where all your budgets will be shown. You can see your newly created budget in the table format with various information related to it. Our Budget creation is complete!

Overview Info

Budgets (2) Info

 Download CSV

Actions ▾

Create budget

 Find a budget

Show all budgets ▾

< 1 > 

<input type="checkbox"/>	Name	▲	Thresholds ▾	Budget	Amount used	Forecasted a...	Current vs. budgeted ▾	Forec
<input type="checkbox"/>	Second		✔ OK	\$1.00	\$0.00	-	<div><div></div></div> 0.00%	-
<input type="checkbox"/>	SohailBudget		✔ OK	\$1.00	\$0.00	-	<div><div></div></div> 0.00%	-