

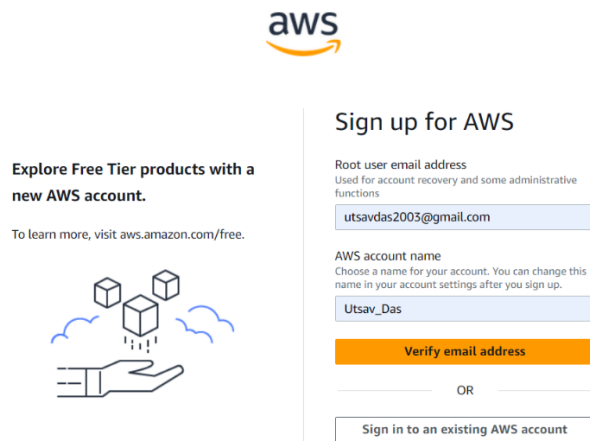
Assignment – 1

Problem Statement:

Create an account in AWS and configure a budget.

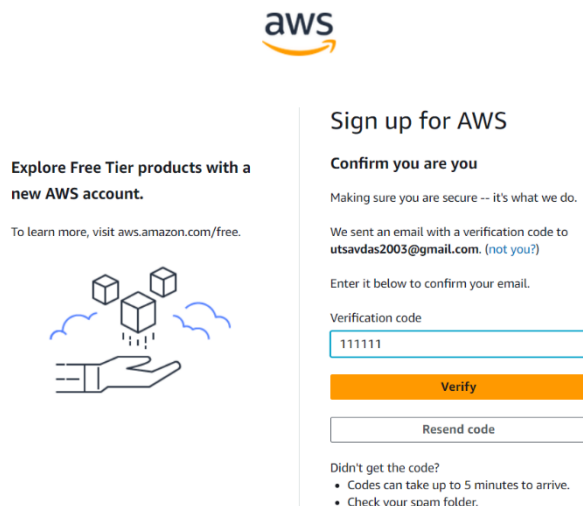
Steps for creating an AWS account:

- 1) Go to 'https://console.aws.amazon.com' & click 'Create a new AWS account' button.
- 2) Enter an email address, an AWS account name & click 'verify email address'.




The image shows the AWS sign-up page. On the left, there is a promotional banner for the Free Tier with a graphic of a hand holding cubes. The main form is titled 'Sign up for AWS'. It contains two input fields: 'Root user email address' with the value 'utsavdas2003@gmail.com' and 'AWS account name' with the value 'Utsav_Das'. Below these fields are two buttons: an orange 'Verify email address' button and a grey 'Sign in to an existing AWS account' button. There is also an 'OR' separator between the two options.

- 3) Enter the verification code send to the given email address & click 'Verify'.




The image shows the AWS verification page. On the left, there is a promotional banner for the Free Tier with a graphic of a hand holding cubes. The main form is titled 'Sign up for AWS' and 'Confirm you are you'. It contains a 'Verification code' input field with the value '111111'. Below this field are two buttons: an orange 'Verify' button and a grey 'Resend code' button. At the bottom, there is a section titled 'Didn't get the code?' with two bullet points: 'Codes can take up to 5 minutes to arrive.' and 'Check your spam folder.'

- 4) After email verification set a new password for AWS account and click 'Continue'.



Explore Free Tier products with a new AWS account.

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



Sign up for AWS

Create your password

It's you! Your email address has been successfully verified.

Your password provides you with sign in access to AWS, so it's important we get it right.


Root user password

Confirm root user password

Continue (step 1 of 5)

OR

- 5) In contact information page, select account type ; give name, phone no, country, address, city, state, pin; Accept agreement and click 'Continue'.



Sign up for AWS

Free Tier offers

All AWS accounts can explore 3 different types of free offers, depending on the product used.

- Always free**
Never expires
- 12 months free**
Start from initial sign-up date
- Trials**
Start from service activation date

Contact Information

How do you plan to use AWS?

☐ Business - for your work, school, or organization

☒ Personal - for your own projects

Who should we contact about this account?

Full Name

Phone Number


+91 0123456789

Country or Region

India

Address

- 6) In billing info page give credit or debit card no, expiration date, cvv, cardholder name, pan card no, address & click 'Continue'.



Sign up for AWS

Billing Information

Credit or Debit card number

1111222233334444

The credit card information is not valid or is an unsupported type.

VISA Mastercard AMEX RuPay

AWS accepts most major credit and debit cards. To learn more about payment options, review our [FAQ](#).

Expiration date


January 2026

Security code



Cardholder's name

Secure verification

We will not charge you for usage below AWS Free Tier limits. We may temporarily hold up to \$1 USD (or an equivalent amount in local currency) as a pending transaction for 3-5 days to verify your identity.



7) Next, select phone verification method, give phone no & click 'Continue'.



Confirm your identity

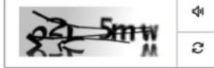
Before you can use your AWS account, you must verify your phone number. When you continue, the AWS automated system will contact you with a verification code.

How should we send you the verification code?

☒ Text message (SMS)
☐ Voice call



Country or region code
India (+91) ▼

Mobile phone number
0123456789

Security check


Type the characters as shown above

8) Give verification code send to the given mobile no. & click 'Continue'.




Sign up for AWS
Confirm your identity

Verify code
1234




Continue (step 4 of 5)

Having trouble? Sometimes it takes up to 10 minutes to retrieve a verification code. If it's been longer than that, [return to the previous page](#) and try again.

9) Select suitable support plan & click 'Complete sign up'.


Sign up for AWS
Select a support plan

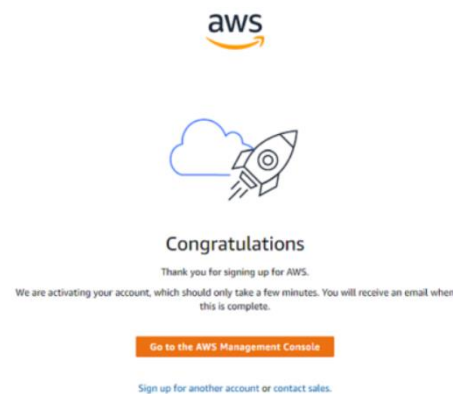
Choose a support plan for your business or personal account. [Compare plans and pricing examples](#)
[You can change your plan anytime in the AWS Management Console.](#)

<p><input checked="" type="radio"/> Basic support - Free</p> <ul style="list-style-type: none">Recommended for new users just getting started with AWS24x7 self-service access to AWS resourcesFor account and billing issues onlyAccess to Personal Health Dashboard & Trusted Advisor 	<p><input type="radio"/> Developer support - From \$29/month</p> <ul style="list-style-type: none">Recommended for developers experimenting with AWSEmail access to AWS Support during business hours12 (business)-hour response times 	<p><input type="radio"/> Business support - From \$100/month</p> <ul style="list-style-type: none">Recommended for running production workloads on AWS24x7 tech support via email, phone, and chat1-hour response timesFull set of Trusted Advisor best-practice recommendations 
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Need Enterprise level support?
From \$15,000 a month you will receive 15-minute response times and concierge-style experience with an assigned Technical Account Manager. [Learn more](#)

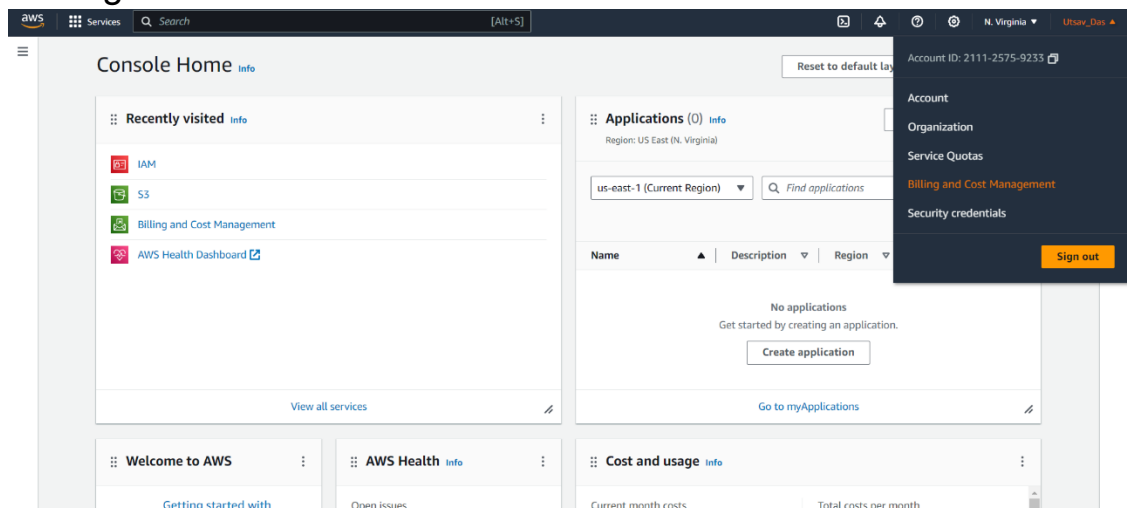
Complete sign up

- 10) AWS account creation is completed. click 'Go to the AWS Management Console' or go to 'https://console.aws.amazon.com' in browser for log in.

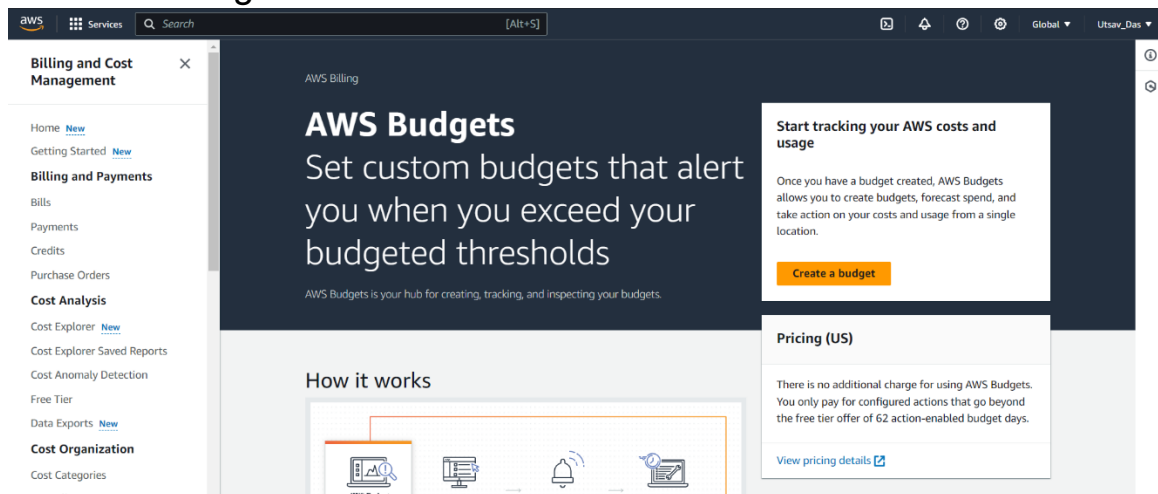


Steps for configuring budget in AWS

- 1) Go to 'https://console.aws.amazon.com' & sign in to AWS account.
- 2) Click the account name in top-right corner & go to 'Billing and Cost Management'.



- 3) From left panel go to 'Budgets' under 'Budgets and Planning' and click 'Create a budget'.



- 4) Select Budget setup 'Customize', Budget types 'Cost budget' & click 'Next'.

The screenshot shows the AWS Budgets console 'Create budget' wizard. On the left is a sidebar with navigation links. The main area shows 'Step 1: Choose budget type'. Under 'Budget setup', 'Customize (advanced)' is selected. Under 'Budget types', 'Cost budget - Recommended' is selected. The 'Next' button is visible at the bottom right.

- 5) In **Details** give 'Budget name'.
In **Set budget amount** select 'Period', select 'Budget renewal type', give start month, select 'Budgeting method', enter 'budgeted amount'.
In **Budget Scope** select 'scope options', Click 'Next'.

The screenshot shows the 'Set your budget' wizard. Step 2, 'Set budget amount', shows 'Monthly' for period, 'Recurring budget' for renewal type, 'Fixed' for budgeting method, and '\$1.00' for budgeted amount. Step 3, 'Budget scope', shows 'All AWS services (Recommended)' selected. The 'Next' button is visible at the bottom right.

- 6) Click 'Add an alert threshold'.
Give a threshold value.
Set 'Email recipients'.
Click 'Next'.
Click 'Next'.

The screenshot shows the 'Configure alerts' wizard. Step 1, 'Set alert threshold', shows a threshold of 50% of budgeted amount, triggered when actual cost exceeds the budgeted amount. The email recipient 'utsavdas2003@gmail.com' is added. The 'Next' button is visible at the bottom right.

7) Review all filled up details & click 'Create Budget'.

Review [Info](#)

Step 1: Choose budget type [Edit](#)

Budget type

Cost budget
Monitor your costs against a specified dollar amount and receive alerts when your user-defined thresholds are met.

Step 2: Set up your budget [Edit](#)

Budget details

Name	Start date	Budget amount
First	Feb 2024	\$1.00
Period	End date	
Monthly	-	

▶ Additional budget parameters

Step 3: Configure alerts [Edit](#)

▶ Additional budget parameters

Step 3: Configure alerts [Edit](#)

Alerts

Alert #1
Threshold
50% of budgeted amount
Threshold measured against
Actual costs

Step 4: Attach actions - optional [Edit](#)

Actions

You have no budgets actions

[Cancel](#) [Previous](#) [Create budget](#)

8) Now a budget is created in our aws account.

aws

Services

Search

[Alt+S]

Global

Utsav_Das

Billing and Cost Management

Home [New](#)

Getting Started [New](#)

Billing and Payments

Bills

Payments

Credits

Purchase Orders

Cost Analysis

Cost Explorer [New](#)

Cost Explorer Saved Reports

Cost Anomaly Detection

From Time

Your budget **First** has been created successfully.

[Submit feedback](#)

Billing and Cost Management > Budgets > Overview

Overview [Info](#)

Budgets (1) [Info](#)

[Download CSV](#) [Actions](#) [Create budget](#)

[Type - Show all budgets](#)

<input type="checkbox"/>	Name	Thresholds	Budget	Amount used	Forecasted am...	Current vs. budgeted	Forecasted vs. bu
<input type="checkbox"/>	First	OK	\$1.00	\$0.00	-	0.00%	-