

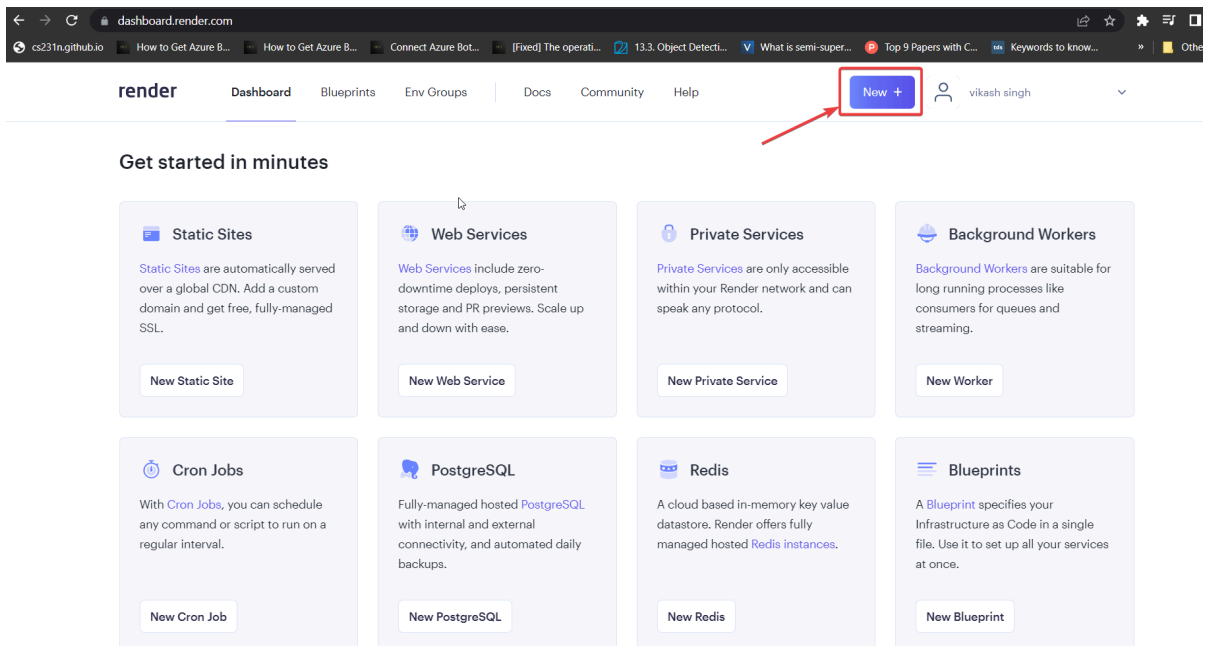
## 1). Render Deployment

- Will push our project in github.
- Create a new repository in github. Open your cmd, be in yourproject folder first then run the below commands:
- git init
- git add .
- git commit -m "first commit"
- git branch -M main
- git remote add origin 'your own .git' file (like this gitremote add origin https://github.com/vikash130795/era.git) - git push -u origin main

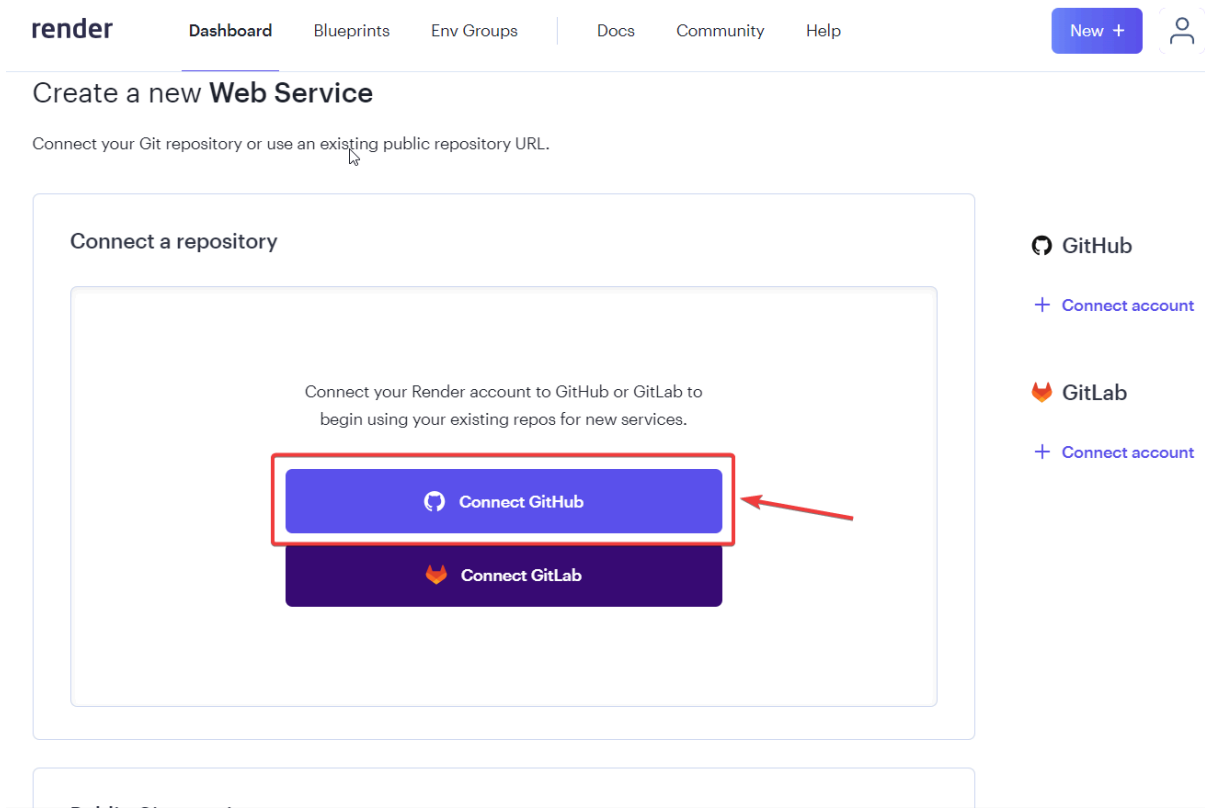
In last command, it'll ask for token.

- On right-hand side at the top, you'll get your profile in which you'll get 'Settings' option.
- After clicking on 'Settings', it will redirect us to next page. On the left-hand side at bottom 'Developer settings' is there.
- Then, select 'Personal access tokens' in which you can 'Generate new token'.
- Place the generated token in the last command option, yourproject would be pushed in your github repository.

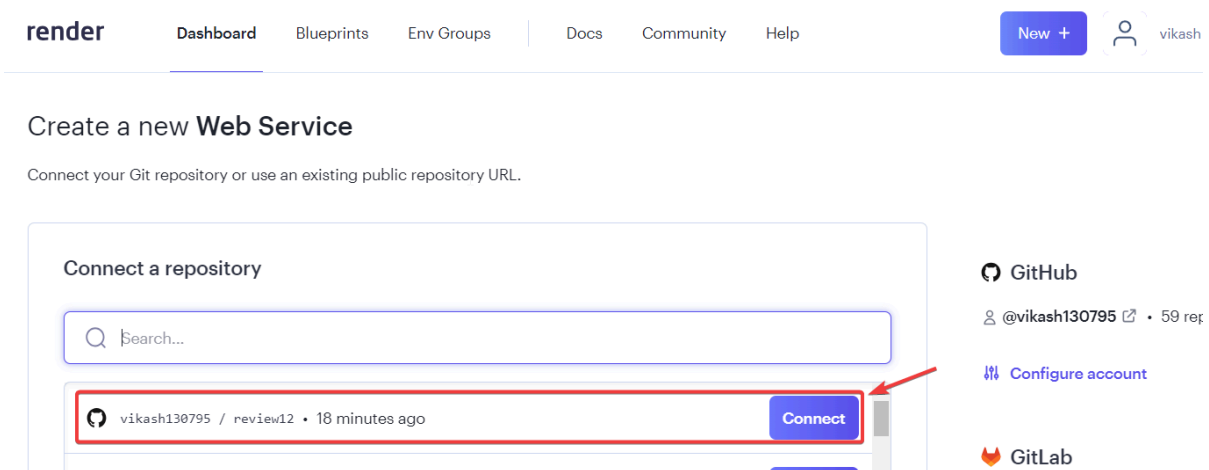
- Do sign-up in render through this link  
<https://dashboard.render.com/#>
- If account is created and verification is done. Then you will get an interface like below screenshot.



- Click on 'New' button, you will get an option of 'Web Services', click on it.
- You need to connect your Github with render. Check below screenshot for reference.



- Connect your Github with render then you will get an option of your recent repository.



- Click on 'Connect' button, then you will get options for adding some details.

You seem to be using Flask, so we've autofilled some fields accordingly. Make sure the values look right to you!

<b>Name</b> A unique name for your web service.	<input type="text" value="review12"/>
<b>Region</b> The <a href="#">region</a> where your web service runs. Services must be in the same region to communicate privately and you currently have services running in <a href="#">Oregon</a> .	<input type="text" value="Oregon (US West)"/>
<b>Branch</b> The repository branch used for your web service.	<input type="text" value="main"/>
<b>Root Directory</b> <small>Optional</small> Defaults to repository root. When you specify a <a href="#">root directory</a> that is different from your repository root, Render runs all your commands in the <a href="#">specified directory</a> and ignores changes outside the directory.	<input type="text" value="e.g. src"/>
<b>Runtime</b> The runtime for your web service.	<input type="text" value="Python 3"/>
<b>Build Command</b> This command runs in the root directory of your repository when a new version of your code is pushed, or when you deploy manually. It is typically a script that installs libraries, runs migrations, or compiles resources needed by your app.	<input type="text" value="\$ pip install -r requirements.txt"/>
<b>Start Command</b> This command runs in the root directory of your app and is responsible for starting its processes. It is typically used to start a webserver for your app. It can access environment variables defined by you in Render.	<input type="text" value="\$ gunicorn app:app"/>

Add your app name as we have taken 'review12' as app name. You can take app name as per your choice.

In Start Command, we have taken gunicorn app:app, right side is a name of your API file, like ours API file name is 'app'.

- If everything is set, scroll down and click on 'Create Web Service' button. Wait for some time then your app would be deployed, and link should be shown at the top, check below screenshot for reference.

WEB SERVICE

review12

Python 3

Free

Connect ▼

Manual Deploy ▼

vikash130795/review12 ↗ main

<https://review12.onrender.com> 

Events

Logs

Disks

Environment

Shell

Free instance types will spin down with inactivity. [Upgrade to a paid instance type](#) to prevent this behavior. [Learn more.](#)

July 7, 2023 at 4:19 PM

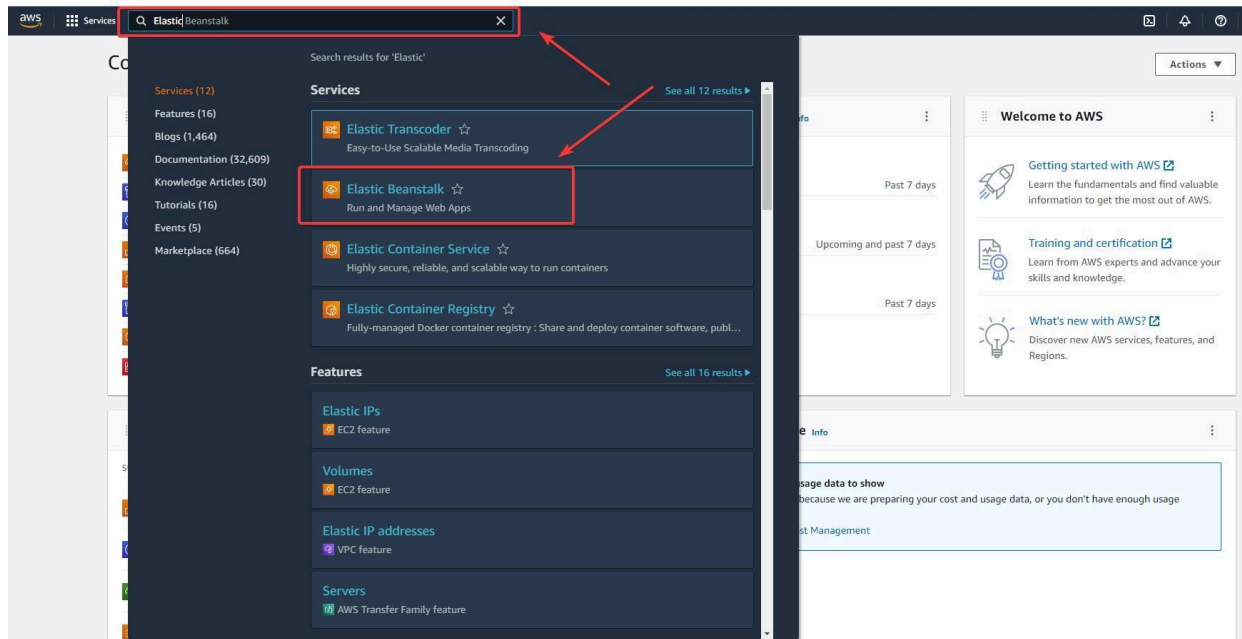
Live

b417b8a first commit

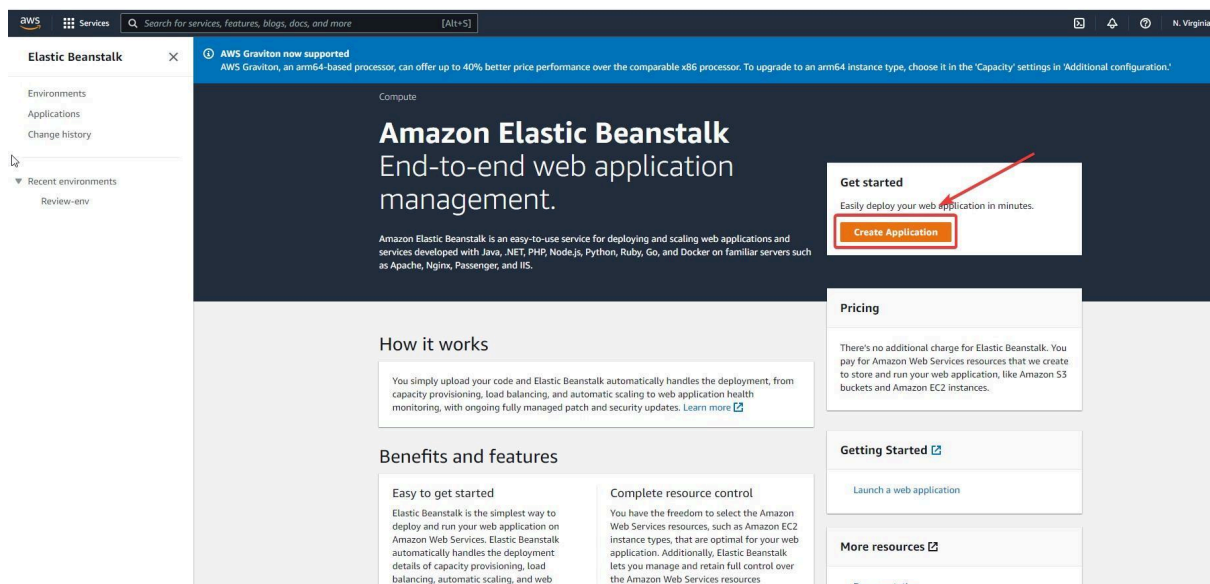
## 2). AWS

Search for the 'AWS console' in google, and select the first link, then do sign up first.

Then look for the 'Elastic Beanstalk' service



Select 'Elastic Beanstalk', it'll redirect you to the next page. Then, select 'Create Application'.



Fill the required details in there, like 'Application name', 'Platform', choose Python 3.7 here. At last, we can 'Create application'.

**Elastic Beanstalk** ×

Environments  
Applications  
Change history

Recent environments  
Review-env

Elastic Beanstalk > Getting started

## Create a web app

Create a new application and environment with a sample application or your own code. By creating an environment, you allow Amazon Elastic Beanstalk to manage Amazon Web Services resources and permissions on your behalf. [Learn more](#)

### Application information

Application name  
Awsreview  
Up to 100 Unicode characters, not including forward slash (/).

### Application tags

Apply up to 50 tags. You can use tags to group and filter your resources. A tag is a key-value pair. The key must be unique within the resource and is case-sensitive. [Learn more](#)

Key	Value	
		Remove tag

Add tag  
50 remaining

### Platform

Platform  
Python

Platform branch  
Python 3.7 running on 64bit Amazon Linux 2

Platform version  
3.5.12 (Recommended)

### Application code

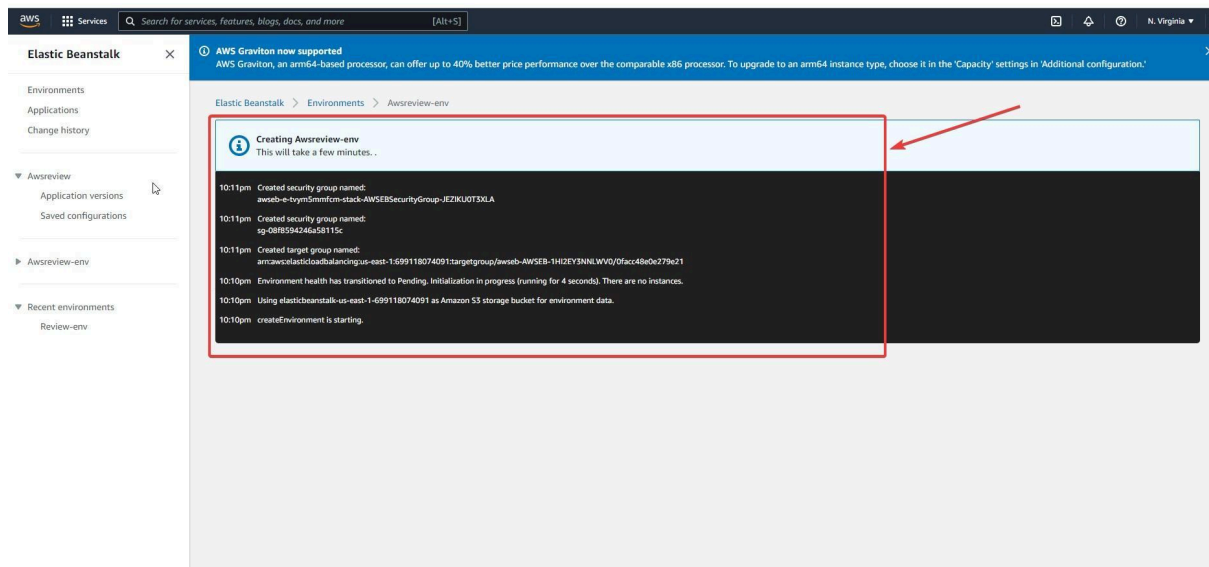
☒ Sample application  
Get started right away with sample code.

☐ Upload your code  
Upload a source bundle from your computer or copy one from Amazon S3.

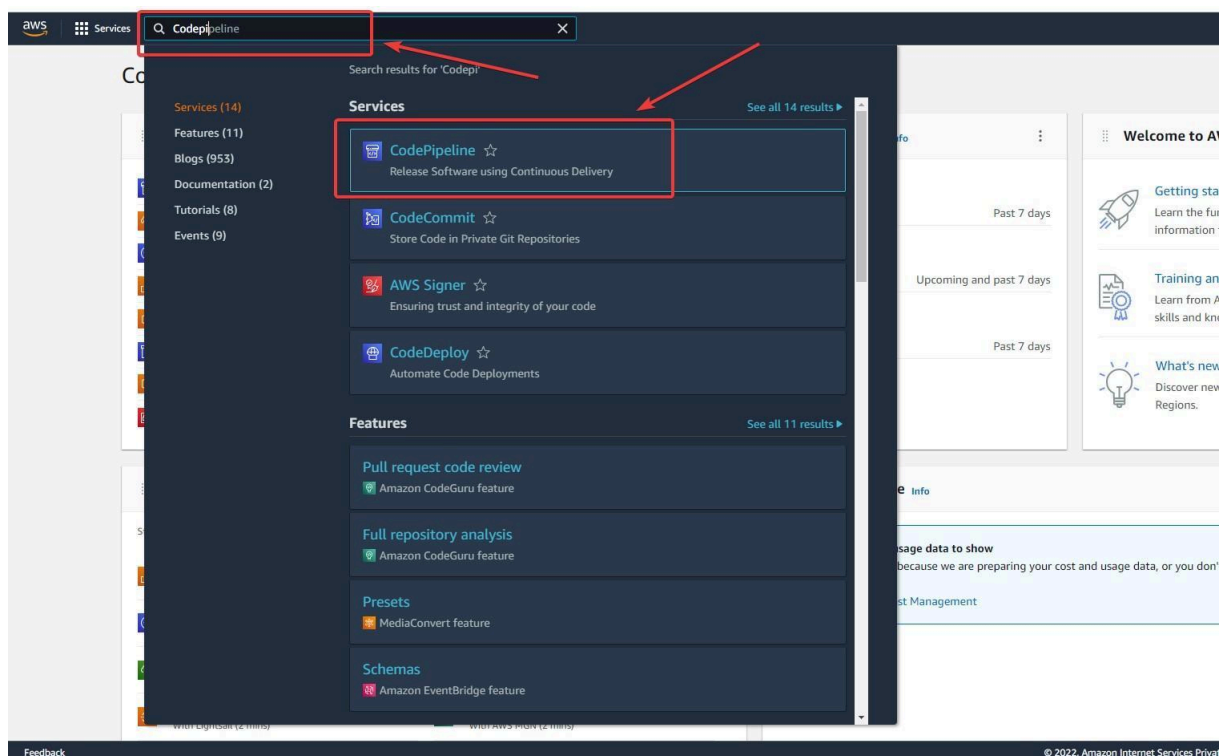
Cancel   Configure more options   **Create application**

After that, it'll start creating a new environment.

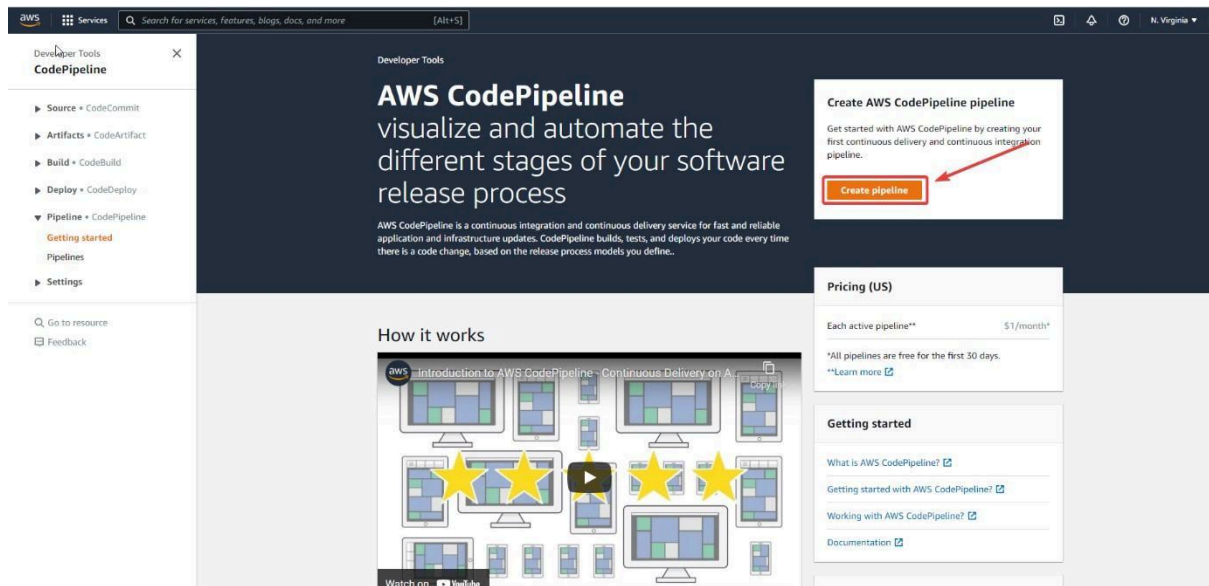




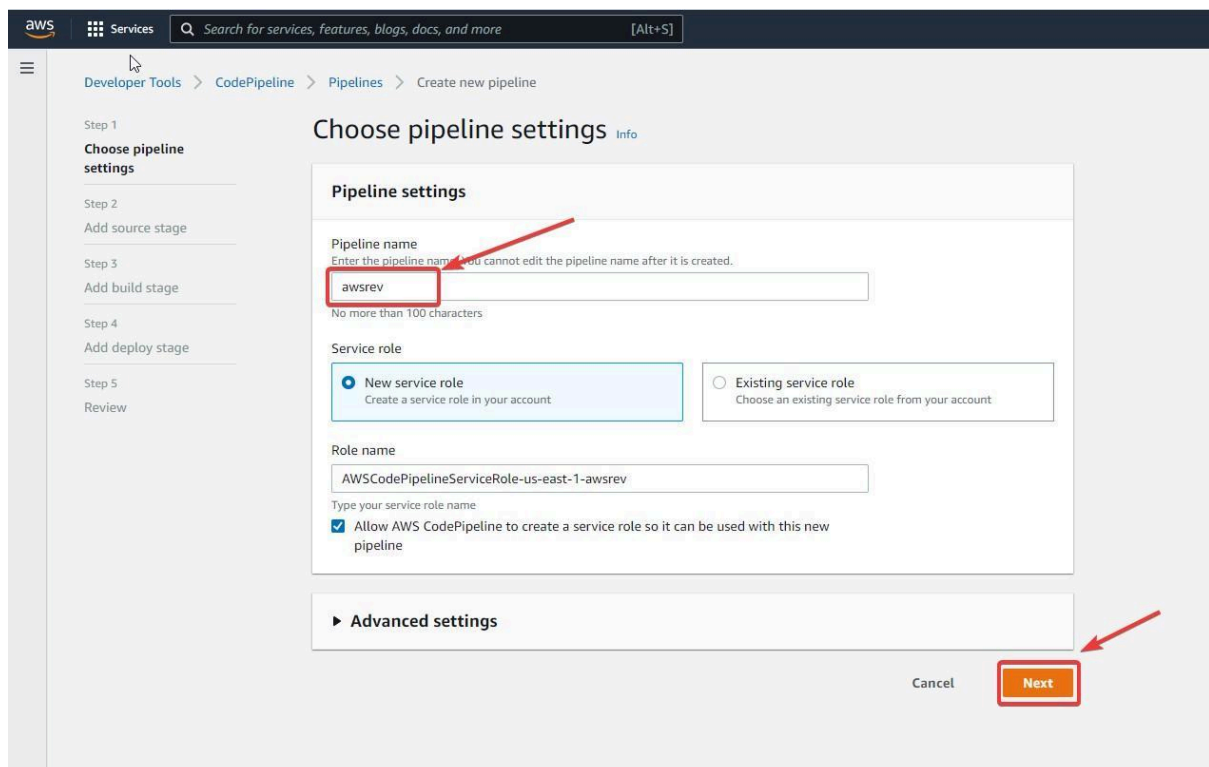
Let it be completed, will now create a pipeline. Open a new tab and search for 'Code Pipeline' service in AWS console.



Now, create a pipeline with 'Create pipeline'



Pick your pipeline name in here like I have given 'awsrev'.  
Then click on 'Next'



In the next step, Select 'GitHub(Version 2)', then select 'Connect to Github', one pop-up will open in which, you have

to add your 'Connection name' and then connect your github.

The screenshot shows the 'Add source stage' configuration in the AWS CodePipeline console. The interface includes a left sidebar with navigation options like 'Source', 'Artifacts', 'Build', 'Deploy', and 'Pipeline'. The main content area displays the configuration steps for adding a source stage. Red annotations highlight key elements: the 'GitHub (Version 2)' provider selection, the 'Connect to GitHub' button, the repository name 'vikash130795/Scraper', the branch 'main', and the 'Next' button at the bottom right.

Then, click on 'Next' for next steps.  
We need to skip this Build stage.

The screenshot shows the 'Add build stage' configuration in the AWS CodePipeline console. The interface is similar to the previous one, but the main content area displays the configuration for adding a build stage. Red annotations highlight the 'Skip build stage' button at the bottom right, which is used to bypass the build stage configuration.

In this step, we need to select the 'Deploy provider' as 'AWS Elastic Beanstalk' and then add 'Application name' which we had created in Elastic beanstalk. Now, move for the 'Next' step.

The screenshot shows the AWS CodePipeline console with the 'Add deploy stage' step selected. The left sidebar shows the 'Pipeline' section expanded. The main area displays the 'Add deploy stage' form. A message at the top states: 'You cannot skip this stage. Pipelines must have at least two stages. Your second stage must be either a build or deployment stage. Choose a provider for either the build stage or deployment stage.' The 'Deploy' section has the following fields: 'Deploy provider' (set to 'AWS Elastic Beanstalk'), 'Region' (set to 'US East (N. Virginia)'), 'Application name' (set to 'Awsreview'), and 'Environment name' (set to 'Awsreview-en'). The 'Next' button is highlighted with a red arrow.

In the next step, it'll review it and start deploying your app.

The screenshot shows the AWS CodePipeline console with the 'awsrev' pipeline execution. The left sidebar shows the 'Pipeline' section expanded. The main area displays the 'awsrev' pipeline execution. The 'Source' stage is 'Succeeded' and the 'Deploy' stage is 'In progress'. The 'Deploy' stage details show 'AWS Elastic Beanstalk' as the provider and 'In progress - Just now' as the status. The 'Release changes' button is highlighted.

Now, move to your "Elastic Beanstalk" select your app name and select the link for checking your app is deployed or not.

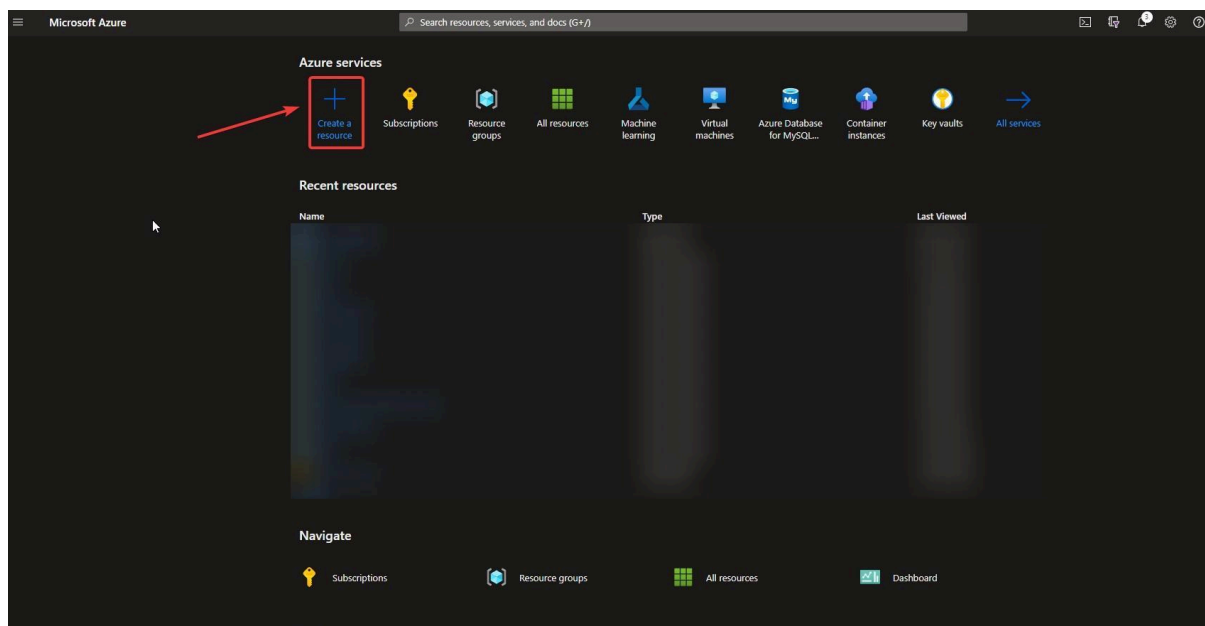
The image shows two screenshots. The top screenshot is the AWS Elastic Beanstalk console for an environment named 'Awsreview-env'. It displays the environment's health as 'Ok', its running version, and the platform (Python 3.7). A red box highlights the environment's URL: `awsreview-env-ebs-skfzwa8-us-east-1.elasticbeanstalk.com`. The bottom screenshot shows a web browser displaying a 'REVIEWS' page for Samsung products. A red arrow points from the URL in the top screenshot to the browser's address bar.

Product	Name	Rating	Comment Heading	Comments
samsung	Flipkart Customer	4	Good choice	Best Samsung phone in this price range. Good battery back up. Decent Display. Fast fingerprint sensor. Rear camera quality is good. Front camera is not up to the mark. 90 Hz refresh rate is good. Good user interface. Updated to one ui 3.1. There are some pre installed apps which can only be disabled. Sound quality is low comparing with other smartphones in same price segment using in low screen brightness noticed screen flickering. There is no screen protector or case in the box. Takes 160 minutes for full charge.
samsung	Ashutosh Ojha	4	Good choice	Amazing smartphone. Camera, battery back up, display, are awesome. It has a little bit heating problem but not at all. Amazing smartphone for students because I'm using as a student. It is heavy also, this is a bad point for this smartphone. But all good. NO I'm satisfied. Delivery was also good. Thanks Flipkart.
samsung	Sanjeeb Ranasingh	5	Excellent	This smartphone is very good in camera and battery. And value for money from Samsung with clean and smooth UI and good battery.

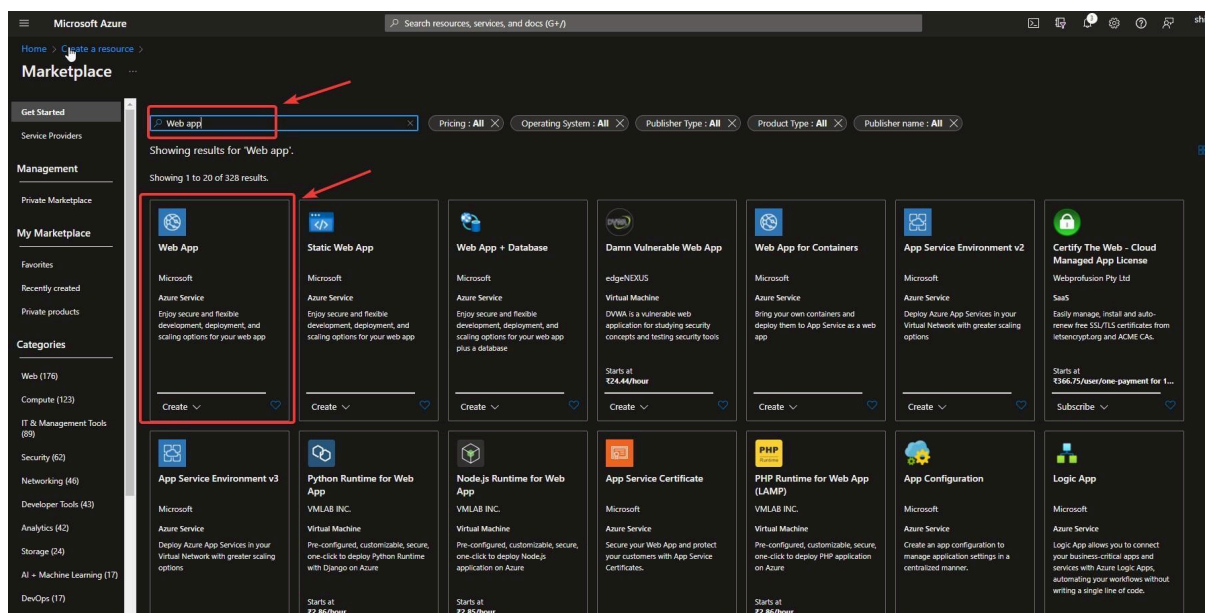
It's working perfectly fine in here.

### 3). Azure

Search for 'Azure portal' in google, then select the second link and do 'sign in'. You'll get the below interface. We need to select the 'Create a resource' option.



Now, search for the 'Web app' here.



Next, add the required details here. Then, select 'Review+create'.

Microsoft Azure

Search resources, services, and docs (G+/)

Home > Create a resource > Marketplace > Web App >

## Create Web App

Basics Deployment Networking (preview) Monitoring Tags Review + create

App Service Web Apps lets you quickly build, deploy, and scale enterprise-grade web, mobile, and API apps running on any platform. Meet rigorous performance, scalability, security and compliance requirements while using a fully managed platform to perform infrastructure maintenance. [Learn more](#)

### Project Details

Select a subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription \*

Resource Group \*  [Create new](#)

### Instance Details

Need a database? [Try the new Web + Database experience.](#)

Name \*  .azurewebsites.net

Publish \* ☒ Code ☐ Docker Container ☐ Static Web App

Runtime stack \*

Operating System \* ☒ Linux ☐ Windows

Region \*  Not finding your App Service Plan? Try a different region or select your App Service Environment.

### App Service Plan

App Service plan pricing tier determines the location, features, cost and compute resources associated with your app. [Learn more](#)

Linux Plan (Central US) \*

[Review + create](#) [Previous](#) [Next: Deployment](#)

Then, choose the 'Create' option here



Microsoft Azure


Search resources, services, and docs

Home > Create a resource > Marketplace > Web App >

## Create Web App

Basics Deployment Networking (preview) Monitoring Tags **Review + create**

Summary

 **Web App**  
by Microsoft

**Details**

Subscription	bb8bb700-7333-4c83-ad37-7d8a84c69071
Resource Group	ineuron
Name	reviewazure123
Publish	Code
Runtime stack	Python 3.7

**App Service Plan**

Name	ASP-ineuron-b787
Operating System	Linux
Region	Central US
SKU	Premium V2
Size	Small
ACU	210 total ACU
Memory	3.5 GB memory

**Monitoring**

Application Insights	Not enabled
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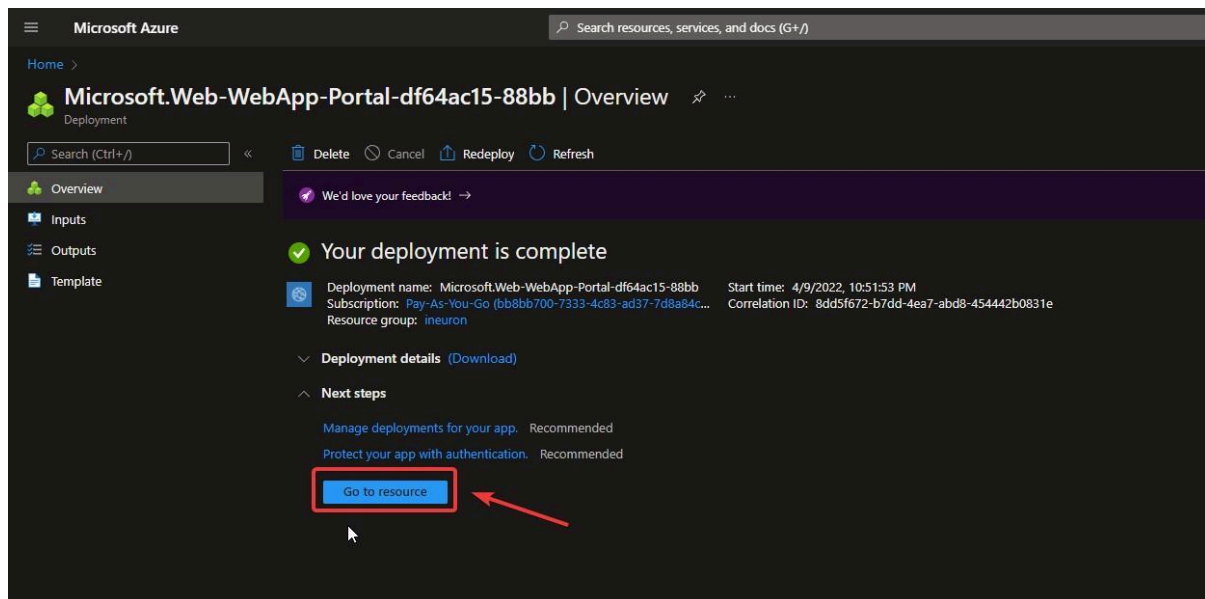
**Deployment**

Continuous deployment	Not enabled / Set up after app creation
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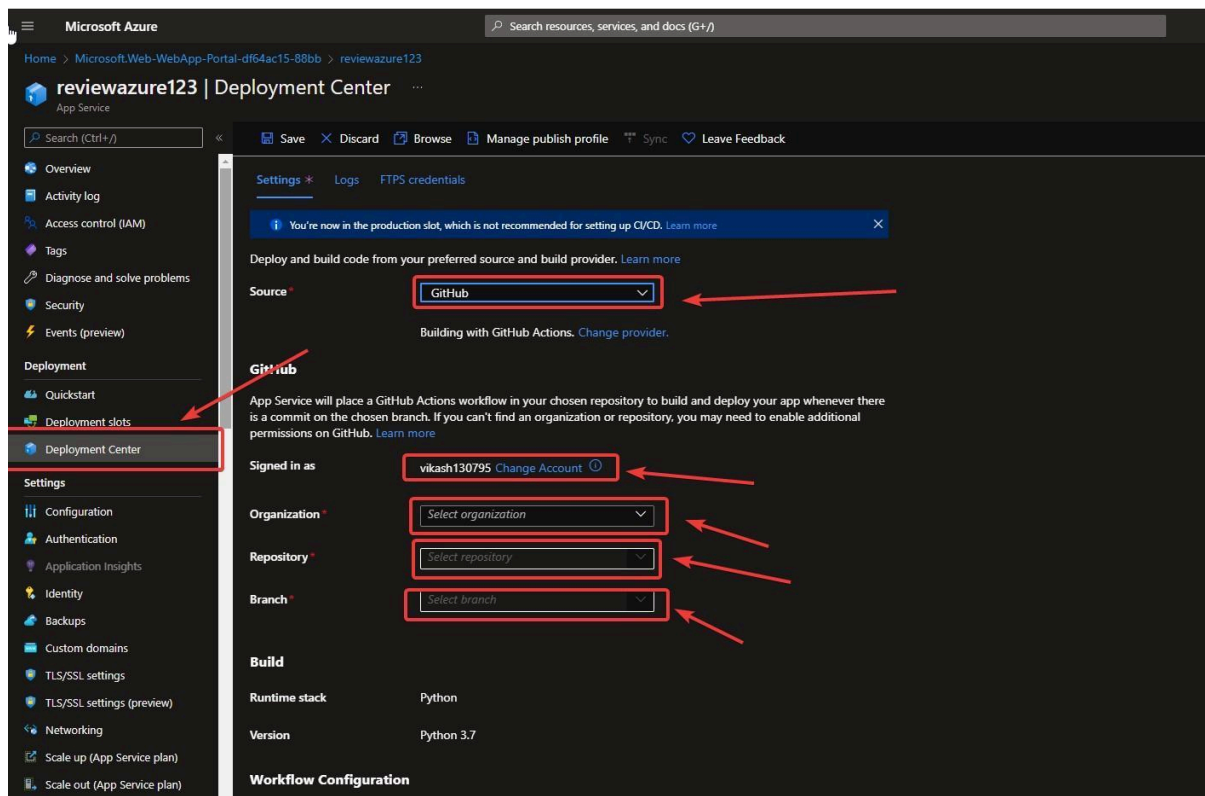
**Create** < Previous Next > [Download a template for automation](#)

It'll start deploying your app. If it is done, it'll show 'Go to resource' option.



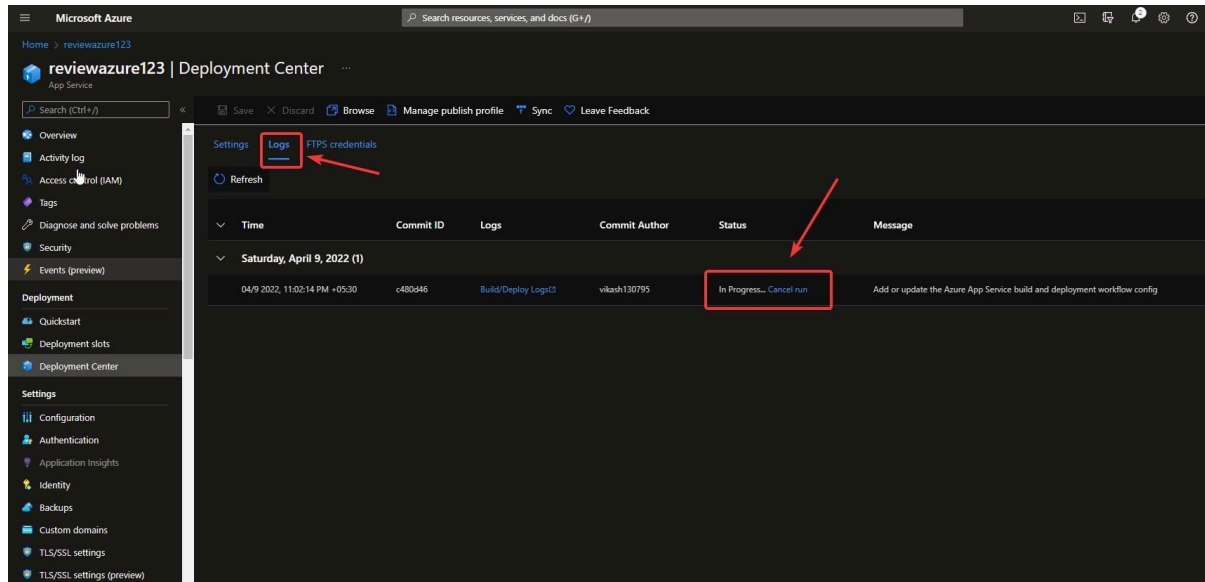


On the left-hand side, you'll get the option 'Deployment Center'.

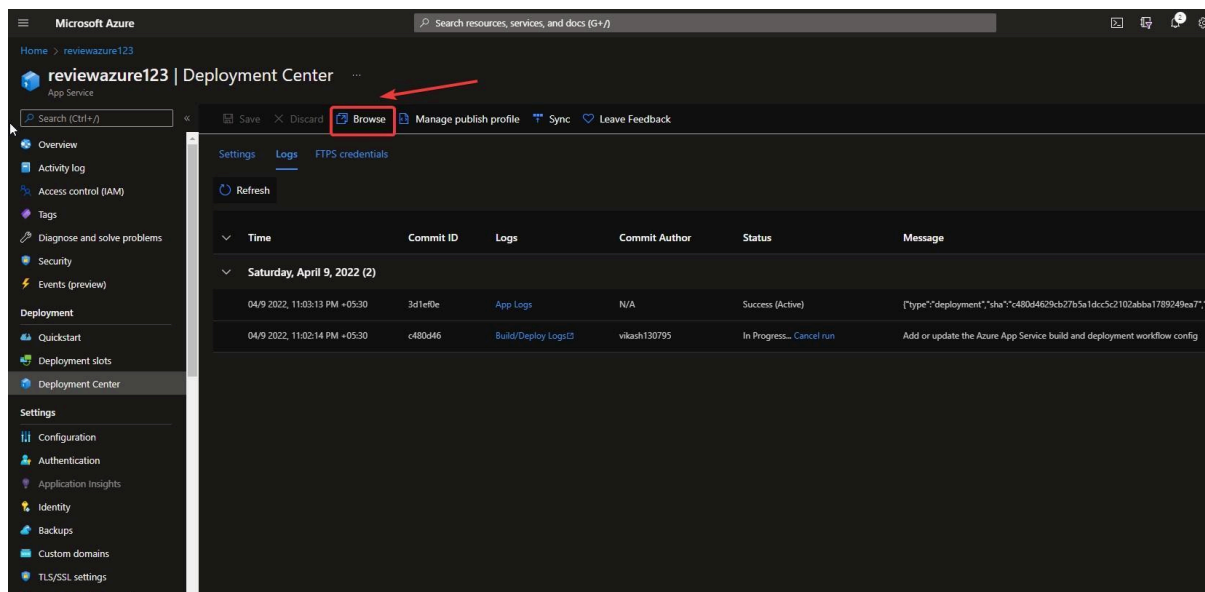


Select 'GitHub' in 'Source' option and add your github here. Then select your github repository and 'Save' it. It'll start deploying your app.

Check-in your 'Logs', your app is in progress.



If deployment is done, you can browse your app through the 'Browse' button.



It was successfully deployed, check the below screenshot.

REVIEWS				
Product	Name	Rating	Comment Heading	Comments
samsung	Flipkart Customer	4	Good choice	Best Samsung phone in this price range.Good battery back up.Decent Display.Fast fingerprint sensor.Rear camera quality is good front camera is not up to the mark.90 Hz refresh rate is good.Good user interface updated to one ui 3.1.there are some pre installed apps which can only be disabled.sound quality is low comparing with other smartphones in same price segment using in low screen bightness noticed screen flickering There is no screen protector or case in the box.Takes 160 minutes for ful...
samsung	Ashutosh Ojha	4	Good choice	Amazing smartphone. Camera , battery back up , display , are awesome 🤩. It has a little bit heating problem but not at all Amazing smartphone for students becoz I'm using as a student. 🤔🤔 It is heavy also , this is a bad point for this smartphone. But all good . ND I'm satisfied .Delivery was also good 🙌 Thanks flipkart. 😊
samsung	Sanjeeb Ranasingh	5	Excellent	This smartphone is very good in camera and battery And value for money from Samsung with clean and smooth UI and good battery life also