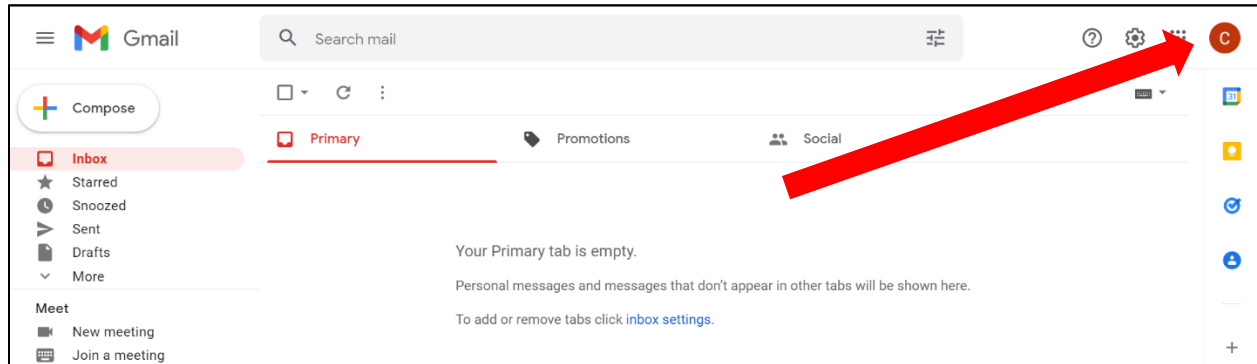


# Setting up 2FA and creating an app password - on GMAIL

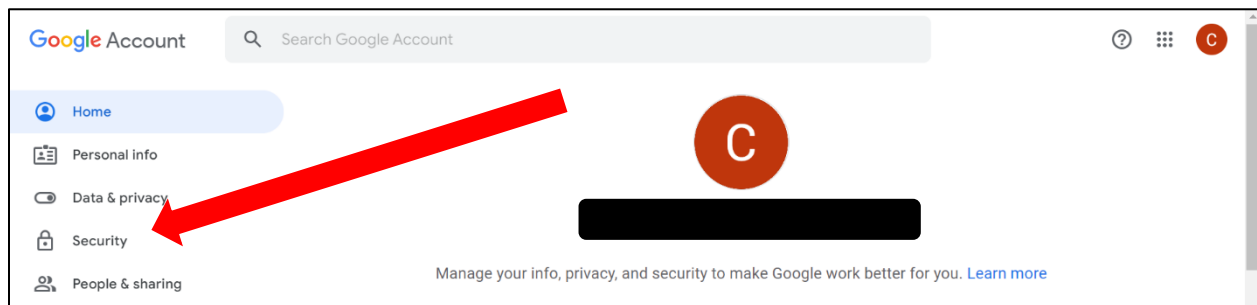
## Step 1:

Login to your Gmail account, click on your **profile icon**, and then select **Manage your Google Account**.



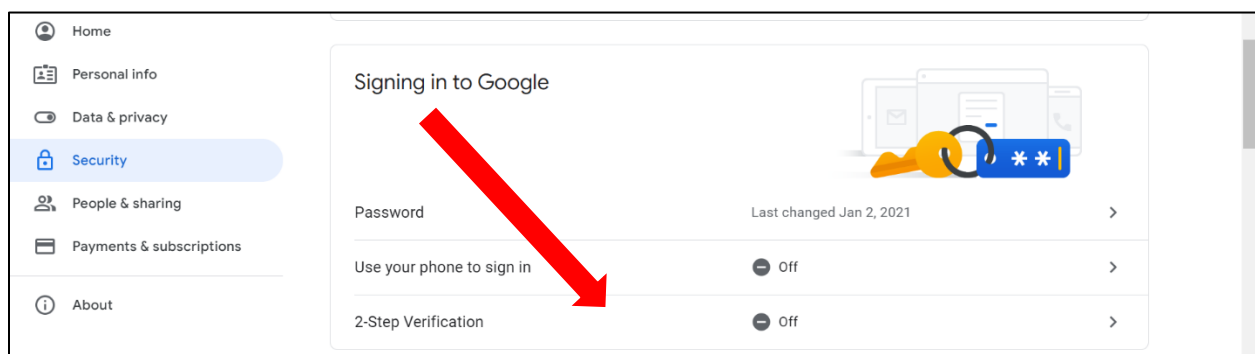
## Step 2:

Click on the **security option** on the left of the menu.



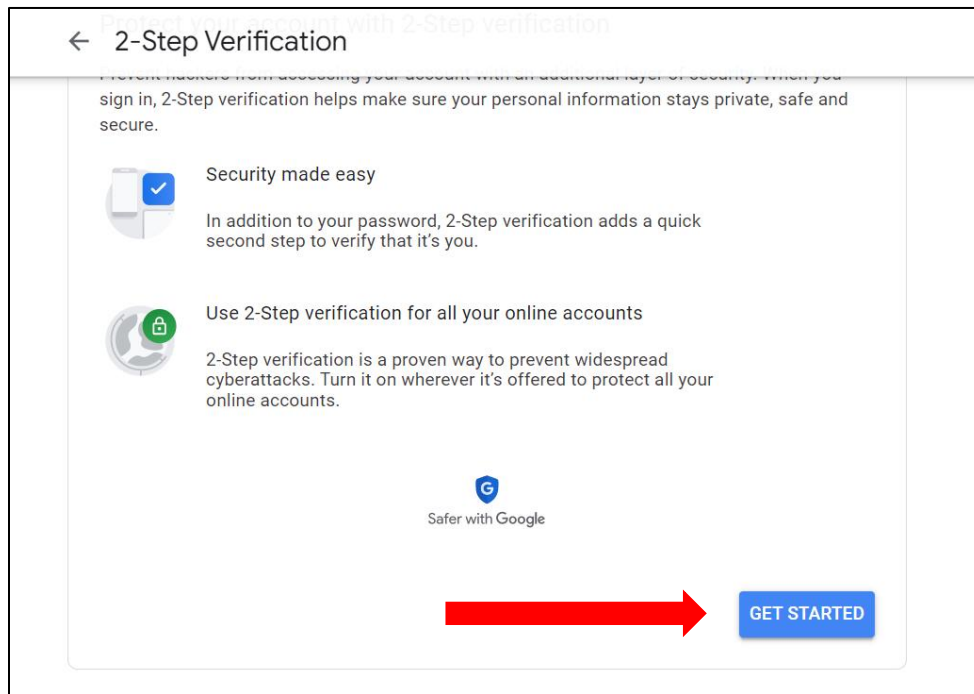
## Step 3:

Once you are in the **security section**, proceed to **click in the 2-Step verification row**.



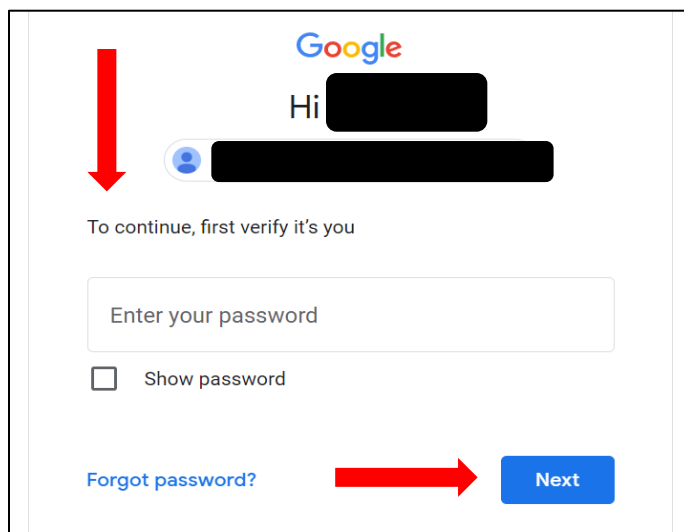
#### Step 4:

You will now be re-directed to the **2-Step verification section**. You can simply **click on get started**.



#### Step 5:

To continue you must **verify yourself, by re-entering your password**. After you have **entered your password** you can then click **next**.




### Step 6:

The next thing that you must do is **enter your phone number**. You can **click next after entering it**.

← 2-Step Verification

Let's set up your phone

What phone number do you want to use?

 ▼

Google will only use this number for account security.  
Don't use a Google Voice number.  
Message and data rates may apply.

How do you want to get codes?

☒ Text message ☐ Phone call

[Show more options](#)

Step 1 of 3 [NEXT](#)

### Step 7:

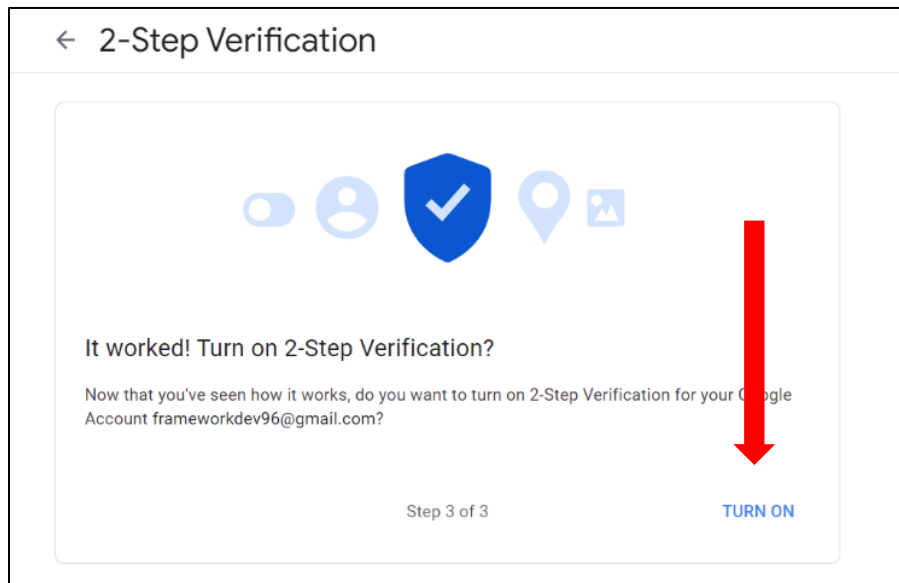
A **code** will be **sent to the phone number** that you entered in the previous step, **by text message**. Enter **the code** and then **click on next** and proceed to the next step.

Didn't get it? [Resend](#)

[BACK](#) Step 2 of 3 [NEXT](#)

### Step 8:

Congratulations! 2-Step verification is working properly, simply **turn it on to activate it**.



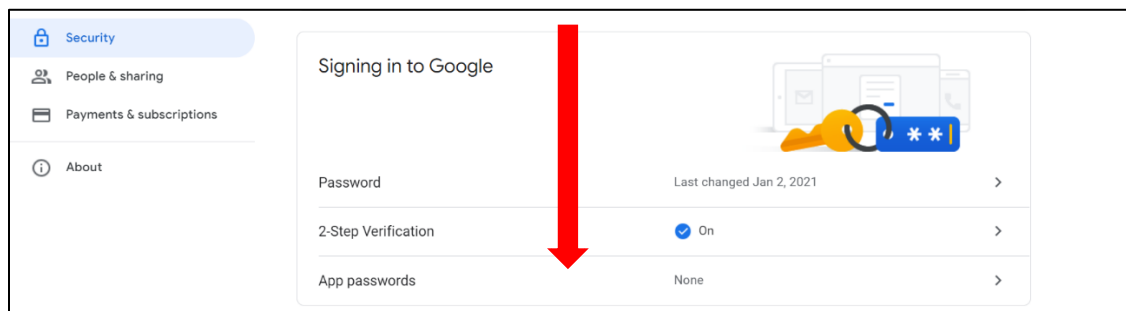
### Step 9:

You can now see that **2-Step verification** has indeed been **activated**. You can now **go back** to the **security section**, by clicking on the arrow below:



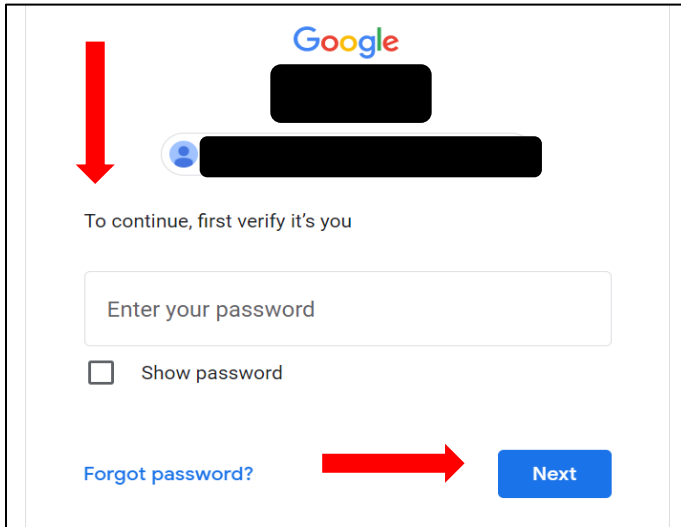
### Step 10:

Once you are **back** in the **security section**, you can **click on the app passwords row**.



### Step 11:

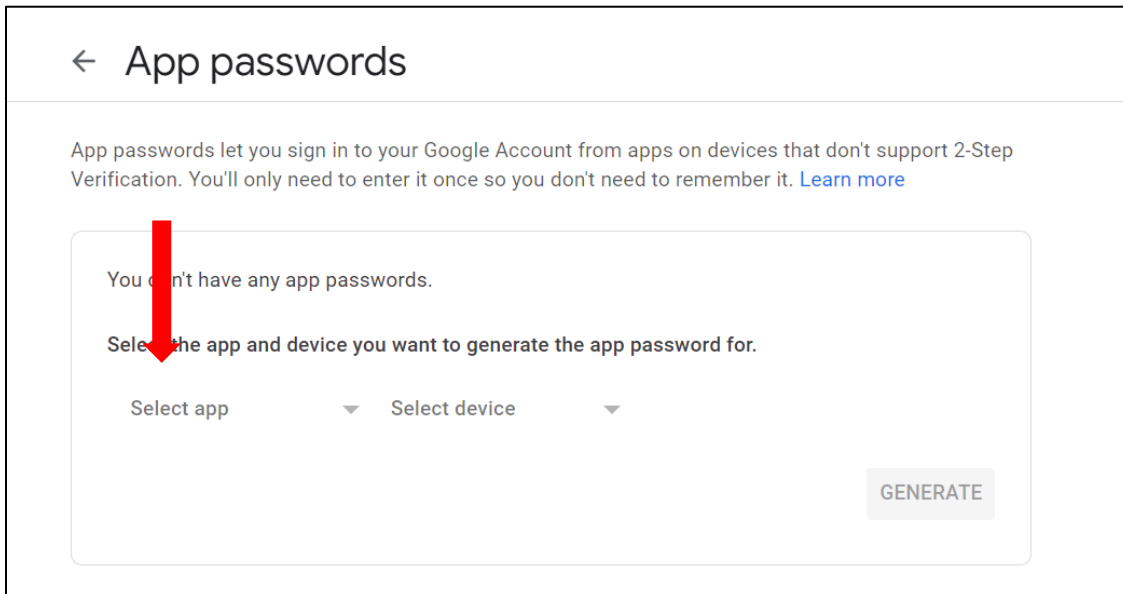
To continue you must **verify yourself, by re-entering your password**. After you have **entered your password** you can then click **next**.



The screenshot shows the Google account verification interface. At the top, the Google logo is visible. Below it, there's a blacked-out profile picture and a blacked-out email address. A red arrow points down to the text "To continue, first verify it's you". Below this text is a password input field with the placeholder "Enter your password". Under the input field is a checkbox labeled "Show password". At the bottom left is a link "Forgot password?". At the bottom right is a blue "Next" button. A red arrow points from the "Forgot password?" link towards the "Next" button.

### Step 12:

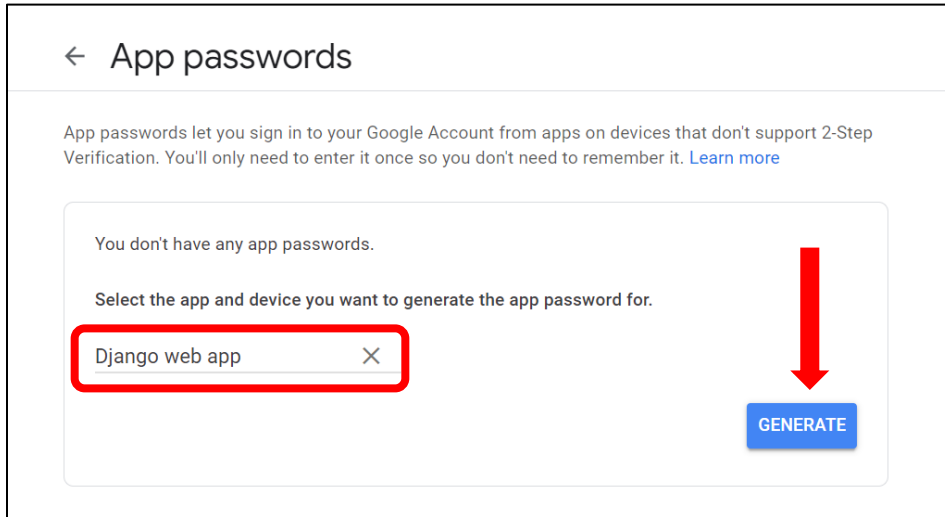
Next, you want to **click on select app**.



The screenshot shows the "App passwords" screen. At the top, there's a back arrow and the title "App passwords". Below the title, there's a paragraph explaining app passwords: "App passwords let you sign in to your Google Account from apps on devices that don't support 2-Step Verification. You'll only need to enter it once so you don't need to remember it. [Learn more](#)". Below this paragraph is a box containing the text "You don't have any app passwords." and "Select the app and device you want to generate the app password for.". Inside this box, there are two dropdown menus: "Select app" and "Select device". A red arrow points down to the "Select app" dropdown. To the right of the dropdowns is a grey "GENERATE" button.

### Step 13:

Type in a relevant name for your app. In this case, I named my app **Django web app**. After you have named your app, go ahead, and **generate an app password**.



← App passwords

App passwords let you sign in to your Google Account from apps on devices that don't support 2-Step Verification. You'll only need to enter it once so you don't need to remember it. [Learn more](#)

You don't have any app passwords.

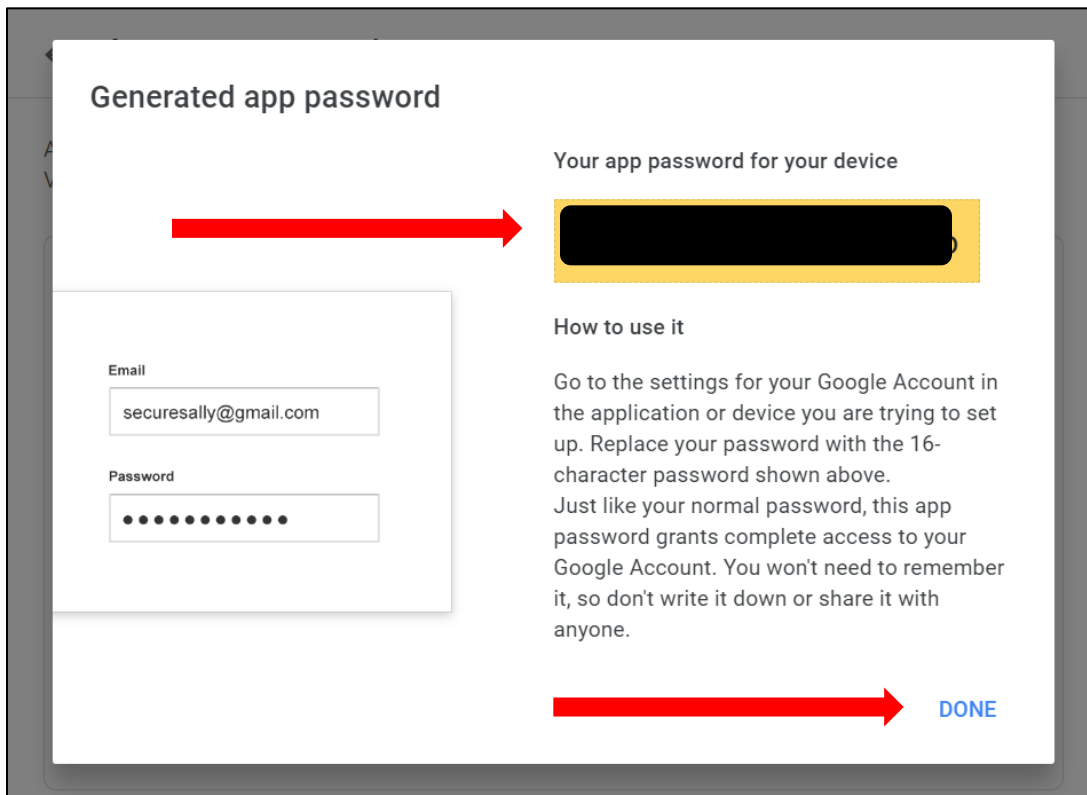
Select the app and device you want to generate the app password for.

Django web app X

GENERATE

### Step 14:

Congratulations, your **app password** has been generated! Be sure to **SAVE this password somewhere**. After you have saved your password, you can **click done**.



Generated app password

Your app password for your device

How to use it

Go to the settings for your Google Account in the application or device you are trying to set up. Replace your password with the 16-character password shown above. Just like your normal password, this app password grants complete access to your Google Account. You won't need to remember it, so don't write it down or share it with anyone.

EMAIL

secoresally@gmail.com

PASSWORD

.....

DONE

### Step 15:

As you can see your **app password** has been **set**.

← App passwords

App passwords let you sign in to your Google Account from apps on devices that don't support 2-Step Verification. You'll only need to enter it once so you don't need to remember it. [Learn more](#)

Your app passwords

Name	Created	Last used
Django web app	5:01 PM	–

Select the app and device you want to generate the app password for.

Select app ▼ Select device ▼

GENERATE

### Step 16:

You can now **complete your SMTP configuration** to allow **Django** to **access and send emails from your GMAIL account**. Make sure that you **enter your email address and app password** below:

# - settings.py

```
# - SMTP configuration

EMAIL_BACKEND = 'django.core.mail.backends.smtp.EmailBackend'
EMAIL_HOST = 'smtp.gmail.com'
EMAIL_PORT = '587'
EMAIL_USE_TLS = 'True'

EMAIL_HOST_USER = '' # - Enter your email address
EMAIL_HOST_PASSWORD = '' # - Enter your app password
```