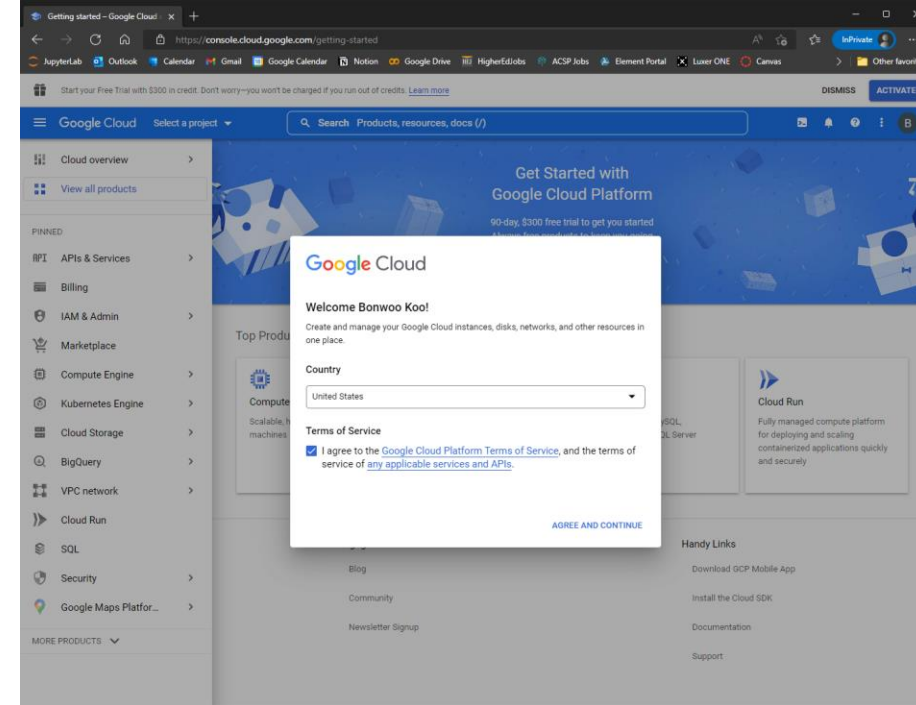


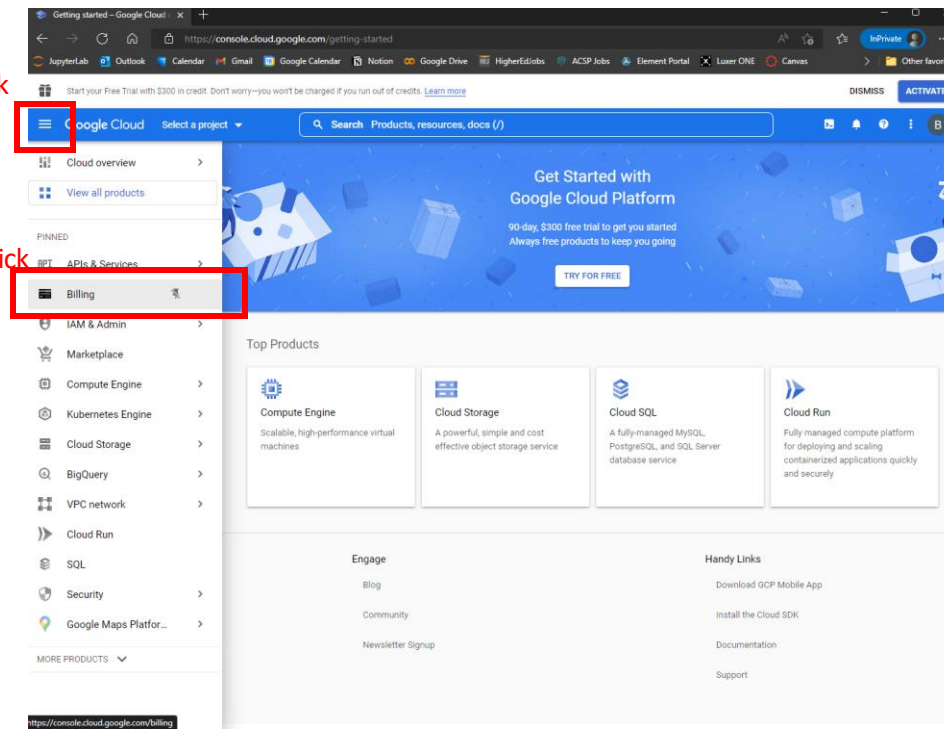
Creating your Google API key

1. Search 'google developer console.'
2. If asked, log in using your google credential.
3. You will land on a page that looks like ->>
4. Select Country and click AGREE AND CONTINUE.
5. Click the 3-strip button and click Billing



click

click



Creating your Google API key

1. In Billing tab, click ADD BILLING ACCOUNT.
2. On the page that says “Step 1 of 2 ...”, fill out the forms as shown on the right and CONTINUE.
3. On the page that says “Step 2 of 2 ...”, complete the form and click START MY FREE TRIAL.
4. You will see a survey. You can close it.

The image displays three overlapping screenshots of the Google Cloud Billing setup process, illustrating the steps to create a billing account and start a free trial.

Step 1: Billing Accounts

The first screenshot shows the "Billing Accounts" page. A red box highlights the "ADD BILLING ACCOUNT" button, with a red arrow pointing to it and the word "Click".

Step 2: Step 1 of 2 Account Information

The second screenshot shows the "Step 1 of 2 Account Information" page. A red box highlights the "Please select" dropdown menu, with a red arrow pointing to it and the word "Select". Another red box highlights the "CONTINUE" button, with a red arrow pointing to it and the word "Click".

Step 3: Step 2 of 2 Payment Information Verification

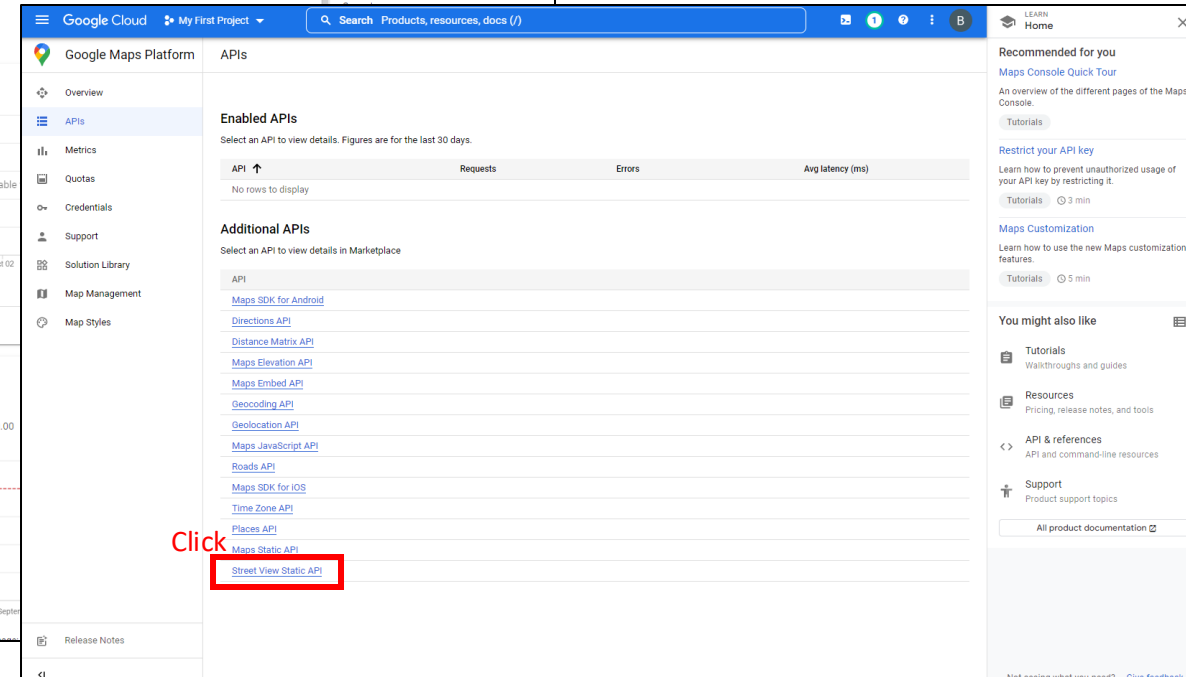
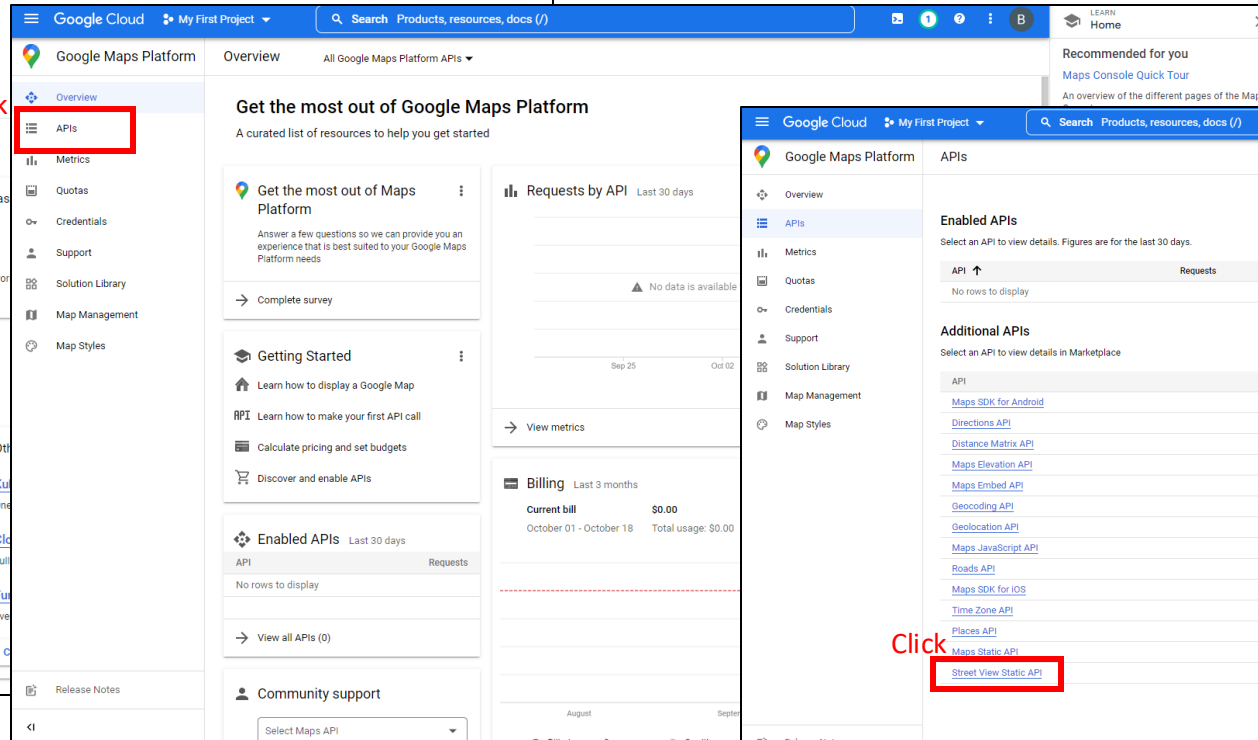
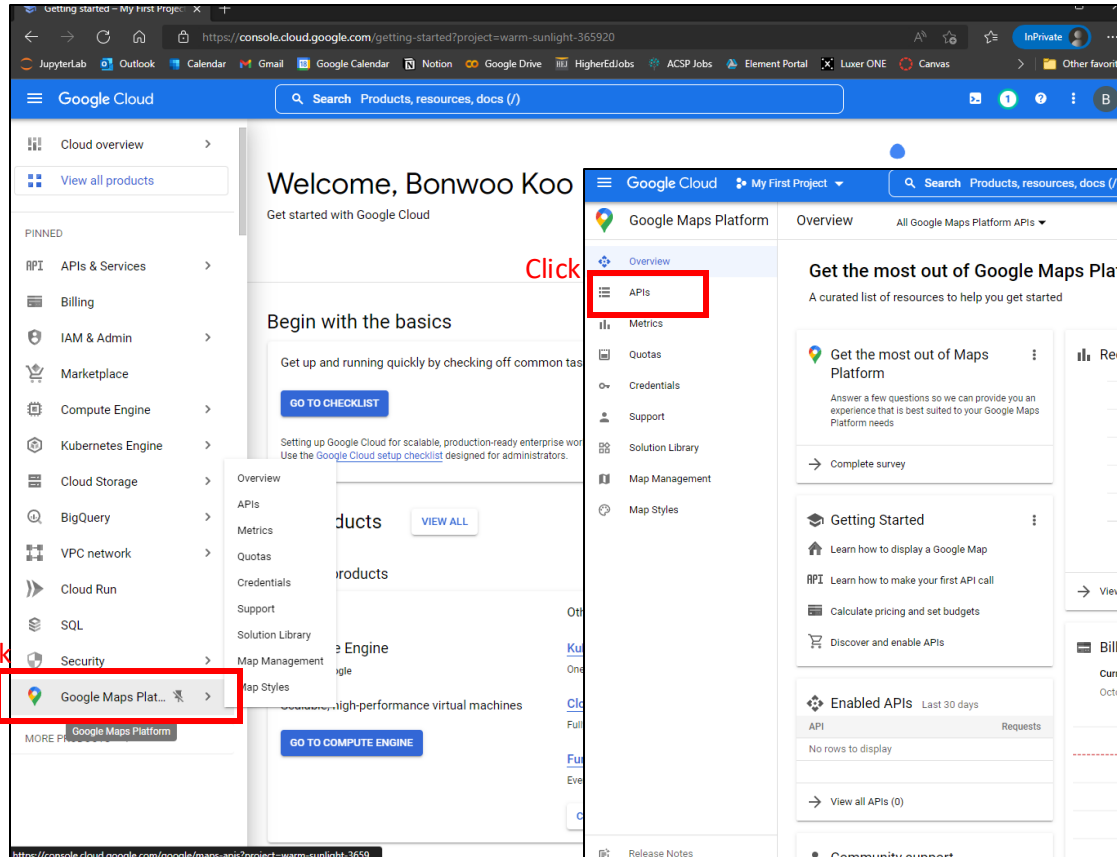
The third screenshot shows the "Step 2 of 2 Payment Information Verification" page. A large red box highlights the entire form, with a red arrow pointing to it and the words "Fill out".

Survey Window

A small survey window titled "Welcome Bonwoo Koo!" is visible in the bottom right of the second screenshot. It contains a "NEXT" button and a "CLOSE" button.

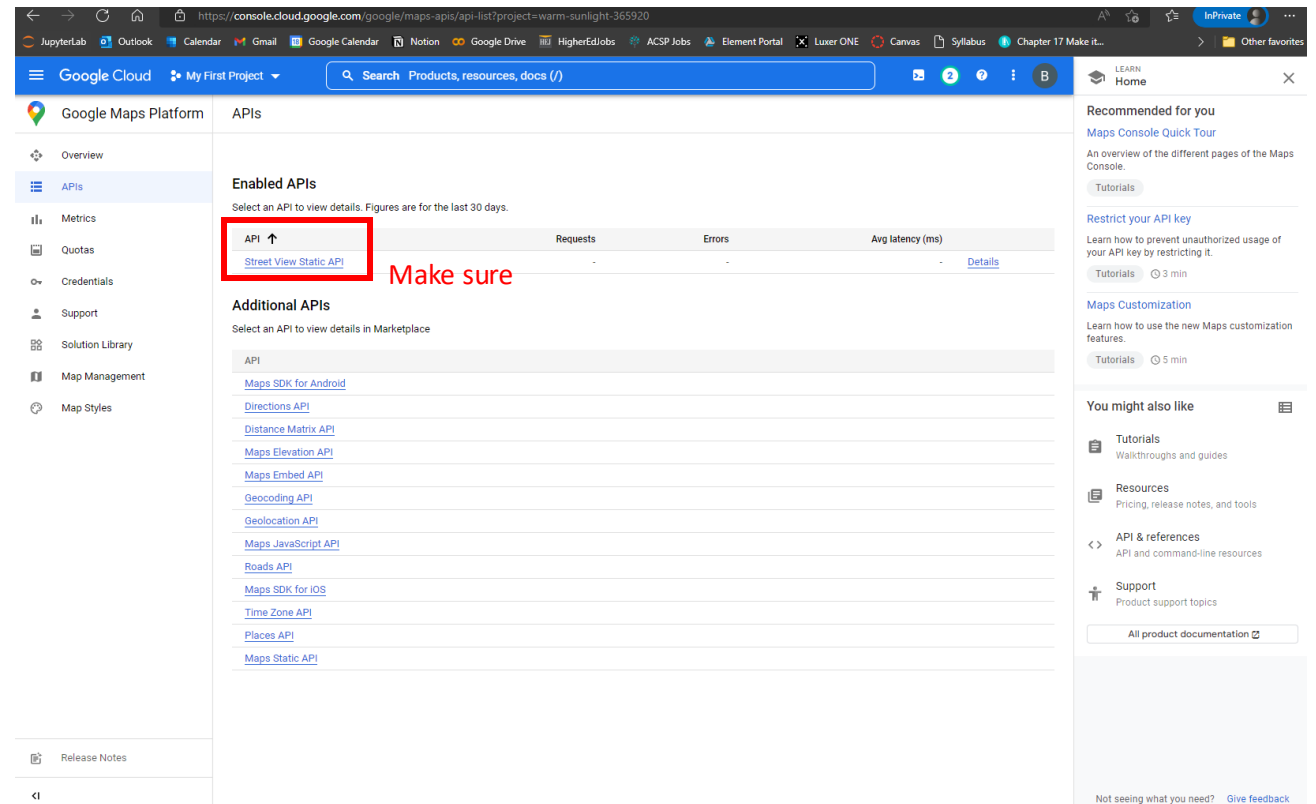
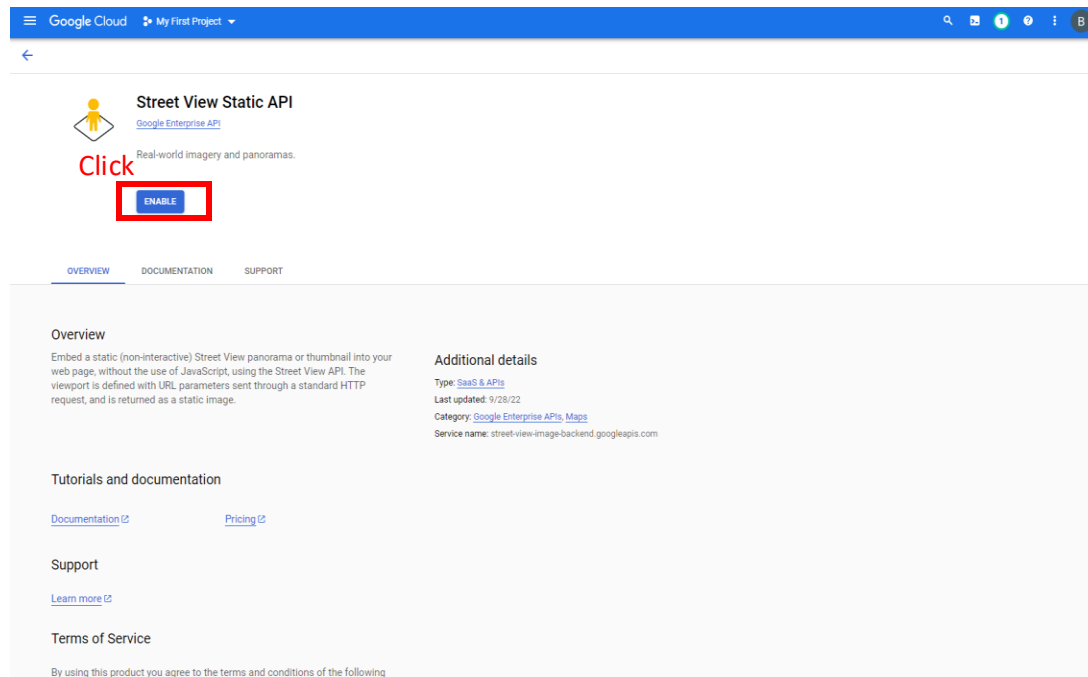
Creating your Google API key

1. Now, from the 3-strip menu, look for Google Maps Platform and click it.
2. If you are on a page that looks like the second image, click APIs. You will see a page like the third image.
3. Under Additional APIs, click **Street View Static API**.



Creating your Google API key

1. You will see a page like the first image. Click ENABLE.
2. You will be redirected back to the previous page. Make sure that Steet View Static API is now under Enabled APIs.



Creating your Google API key

1. From the 3-strip menu, click Credential.
2. On the Credentials page (2nd image), click CREATE CREDENTIALS. It will open a dropdown menu. Click API key.
3. After a few second from the click, the page will display for API key. Copy it and save it as your environment variable.
4. **NEVER EVER EXPOSE THIS KEY. YOUR CREDIT CARD IS LIKED TO THIS KEY. IF EXPOSED AND USED BY OTHERS, YOU CAN GET CHARGED.**

The image consists of two screenshots from the Google Cloud Console, illustrating the process of creating an API key.

Left Screenshot: Shows the 'APIs' page. The 'Credentials' link in the left-hand navigation menu is highlighted with a red box and labeled 'Click'.

Right Screenshot: Shows the 'Credentials' page. The '+ CREATE CREDENTIALS' button is highlighted with a red box and labeled 'Click'. A dropdown menu is open, showing options: 'API key' (highlighted with a red box and labeled 'Click'), 'OAuth client ID', 'Service account', and 'Help me choose'.

The 'API key' option is selected, leading to the 'API Keys' section, which currently displays 'No API keys to display'.

Budgets & Alerts

- You can set alerts in Billing -> Budgets & alerts.
- Since Google gives you \$200 credit each month, you can create a monthly budget alert where the target amount is \$200.
- Then you can set alert threshold rules based on which you will receive email alerts.
- In the screenshot, I created two email alerts that will be triggered when my API usage reaches 90% and 100% of the \$200.

Google Cloud

Billing

Overview

Cost management

Reports

Cost table

Cost breakdown

Budgets & alerts

Billing export

Anomalies

Cost optimization

FinOps hub

Committed use discounts...

CUD analysis

Pricing

Cost estimation

Credits

Release Notes

← Edit Budget

Amount

Set a monthly budget amount

Budget typeSpecified amount

A fixed amount that your spend will be compared against.

Target amount *\$ 200

Actions

Set alert threshold rules

Send email alert notifications after the actual or forecasted spend exceeds a percent of the budget or a specified amount. [Learn more.](#)

Percent of budget 1 *90%

Amount 1 *\$ 180

Trigger on 1Actual

Percent of budget 2 *100%

Amount 2 *\$ 200

Trigger on 2Actual

+ ADD THRESHOLD

Manage notifications

Send email alert notifications to billing admins and users of this billing account.

SAVE

CANCEL

Cost trend

October 1, 2023 – October 31, 2024

Month	Total cost
Oct	\$75
Nov	\$0
Dec	\$0
Jan	\$0
Feb	\$0

→ View report