

DS-Live™ Travel Time



DS-Live™ Travel Time is an advanced online functionality that displays the time it takes to get from one location to another on a VMS sign. The time factor is obtained from Google based on current traffic conditions.

If the traffic conditions are normal, the time is displayed in GREEN. If it is above normal it is displayed in AMBER else RED if traffic is heavy.

To avail the Travel Time functionality, DS-Live™ admins need to obtain a Google API key and set it up on a VMS sign. Follow the steps below to get a Google API Key for DS-Live™ Travel Time.

Steps to setup a Google API Key for DS-Live™ Travel Time

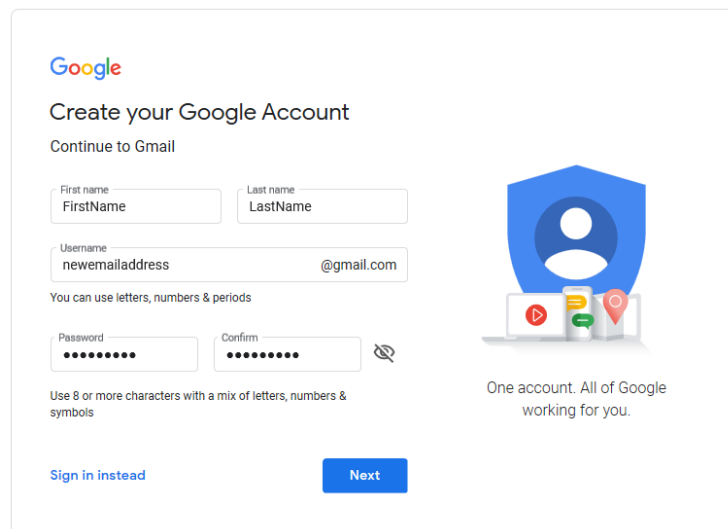
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Please [click here to raise a Help Desk ticket](#) if you have any questions or concerns about this process.

Log into Google Gmail

Start by logging into or creating a Google Gmail account



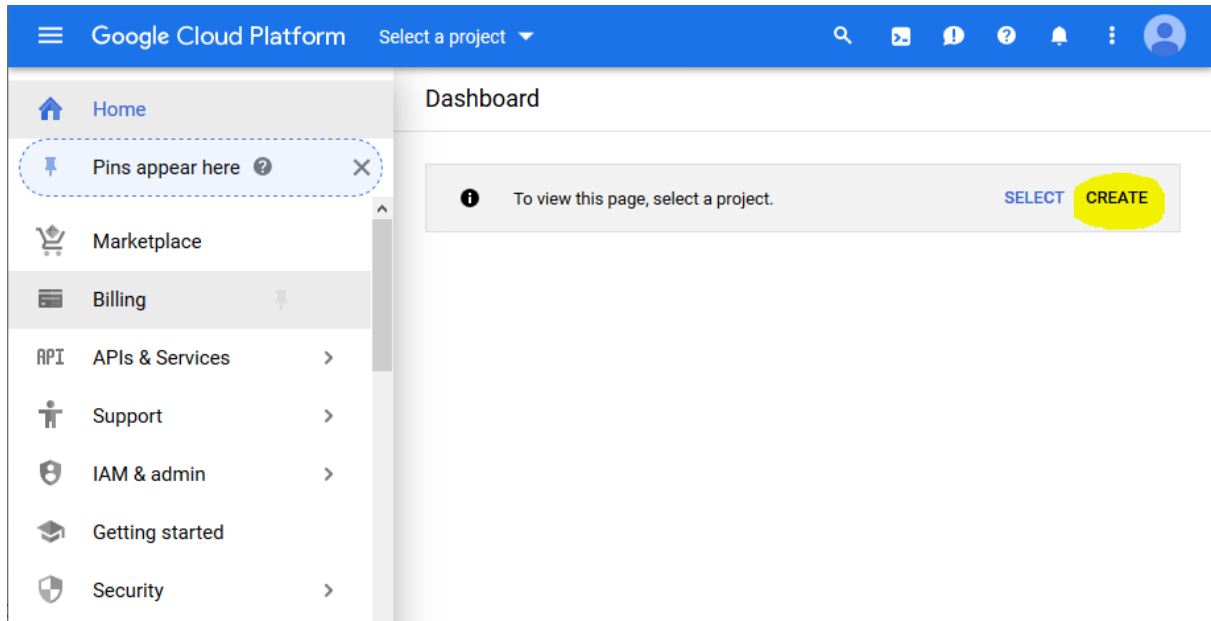
The screenshot shows the Google Account creation interface. At the top left is the Google logo. Below it, the text reads "Create your Google Account" and "Continue to Gmail". The form includes fields for "First name" (containing "FirstName"), "Last name" (containing "LastName"), and "Username" (containing "newemailaddress@gmail.com"). A note states "You can use letters, numbers & periods". There are also "Password" and "Confirm" fields, both containing masked characters. A "Next" button is at the bottom right. To the right of the form is a blue shield icon with a person silhouette and a laptop with various Google service icons (YouTube, Maps, etc.). Below the shield, the text says "One account. All of Google working for you." At the bottom left of the form area, there is a link that says "Sign in instead".

Keeping the email account logged in

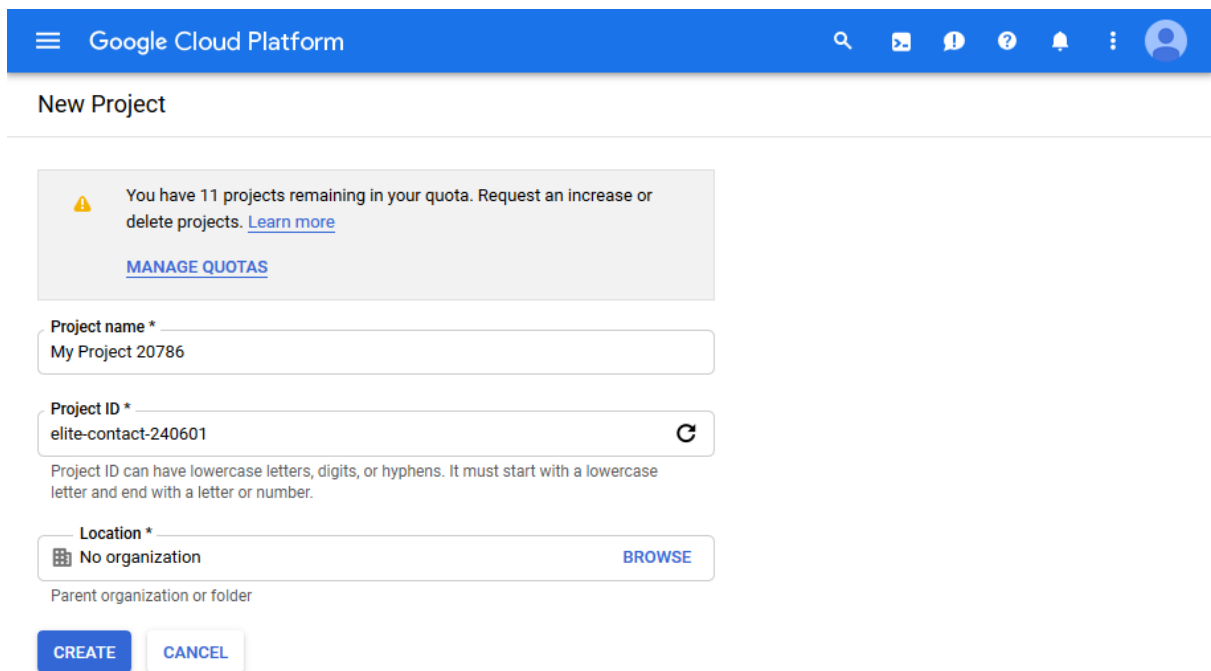
Open a new browser tab and go to: <https://console.cloud.google.com>

Creating a new Google Project


Once you are on the Google cloud platform, click on the Home option and create a new project

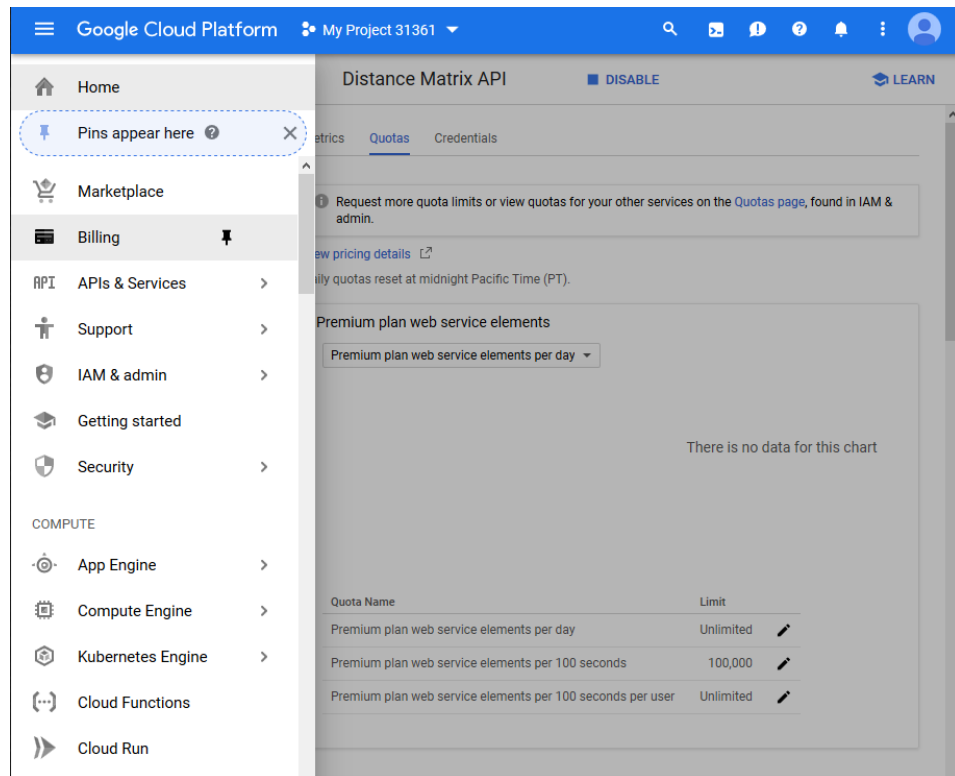


Enter a Project Name and Project ID as required and click on the CREATE button

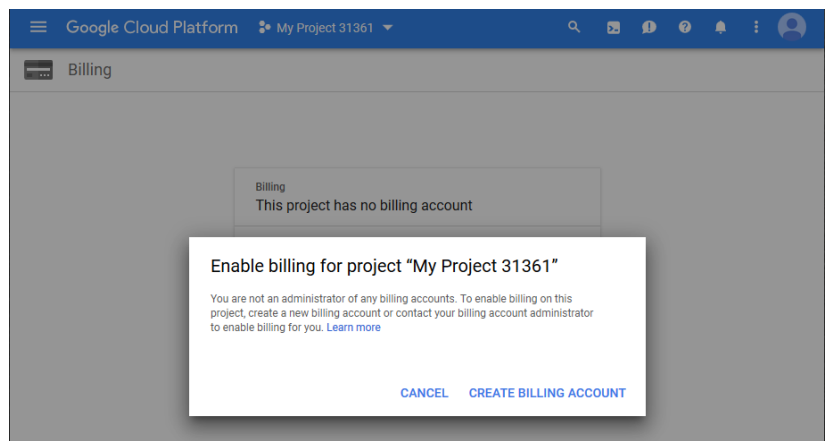
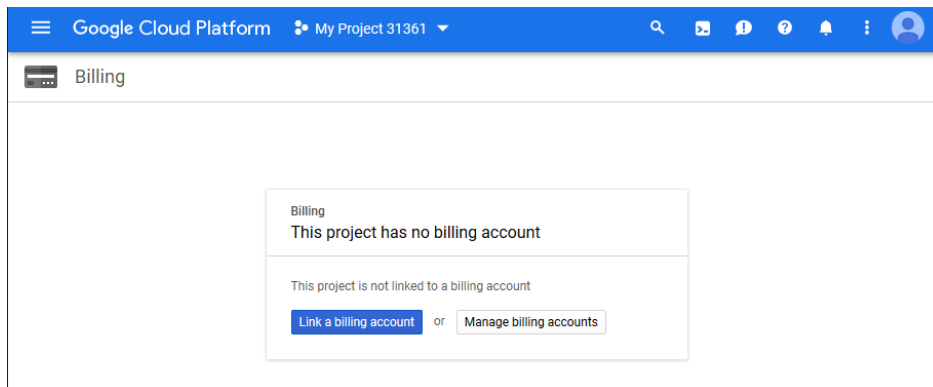


Setting up Google billing account on the platform

To setup a billing account, click on the  button on the top left corner and then click on Billing



Click on Link a billing account and then click on Create a Billing Account



Accept the terms and conditions and enter your personal and Credit Card details and click on Start

Try Google Cloud Platform for free

Step 1 of 2

Country

Australia

Terms of service

I have read and agree to the [Google Cloud Platform Free Trial Terms of Service](#).
Required to continue

AGREE AND CONTINUE

Privacy policy | FAQs

Access to all Cloud Platform Products

Get everything you need to build and run your apps, websites and services, including Firebase and the Google Maps API.

\$300 credit for free

Sign up and get \$300 to spend on Google Cloud Platform over the next 12 months.

No autocharge after free trial ends

We ask you for your credit card to make sure you are not a robot. You won't be charged unless you manually upgrade to a paid account.

Try Google Cloud Platform for free

Step 2 of 2

Customer info

Account type ⓘ ✎

Business

Name and address ⓘ

Business name

Name

DS

Address line 1

Address line 2

City

State

Postal code ⓘ

Access to all Cloud Platform Products


Get everything you need to build and run your apps, websites and services, including Firebase and the Google Maps API.

\$300 credit for free

Sign up and get \$300 to spend on Google Cloud Platform over the next 12 months.

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We ask you for your credit card to make sure you are not a robot. You won't be charged unless you manually upgrade to a paid account.

 **Google Cloud Platform**


Welcome DS!

Thanks for signing up for the 12-month free trial.

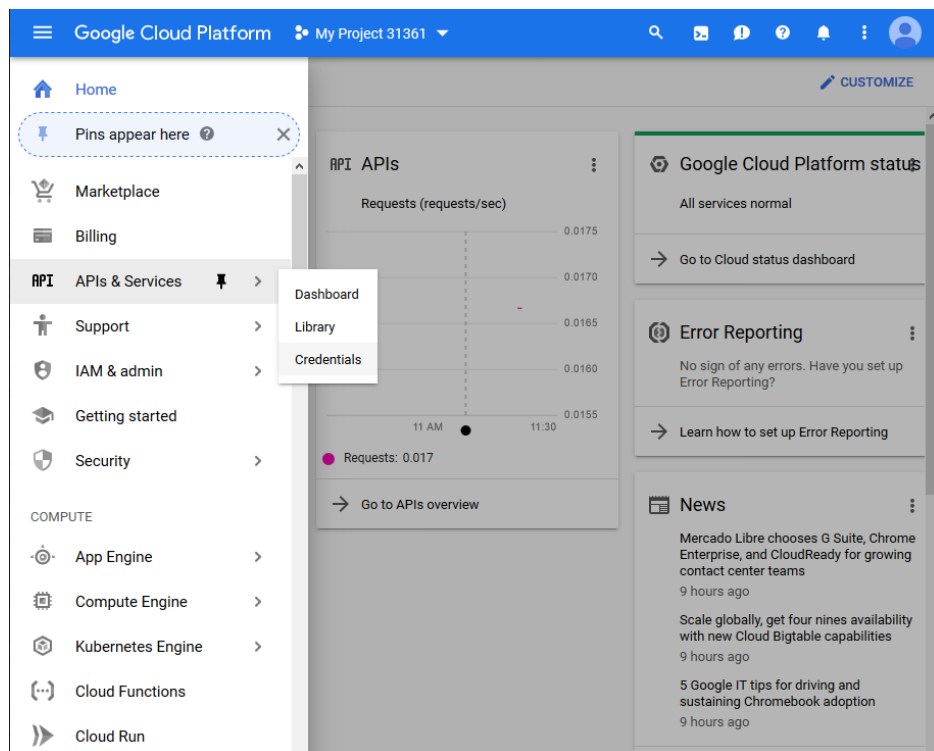
We've given you \$300 in free trial credit to spend. If you run out of credit, don't worry, you won't be billed until you give your permission.

GOT IT

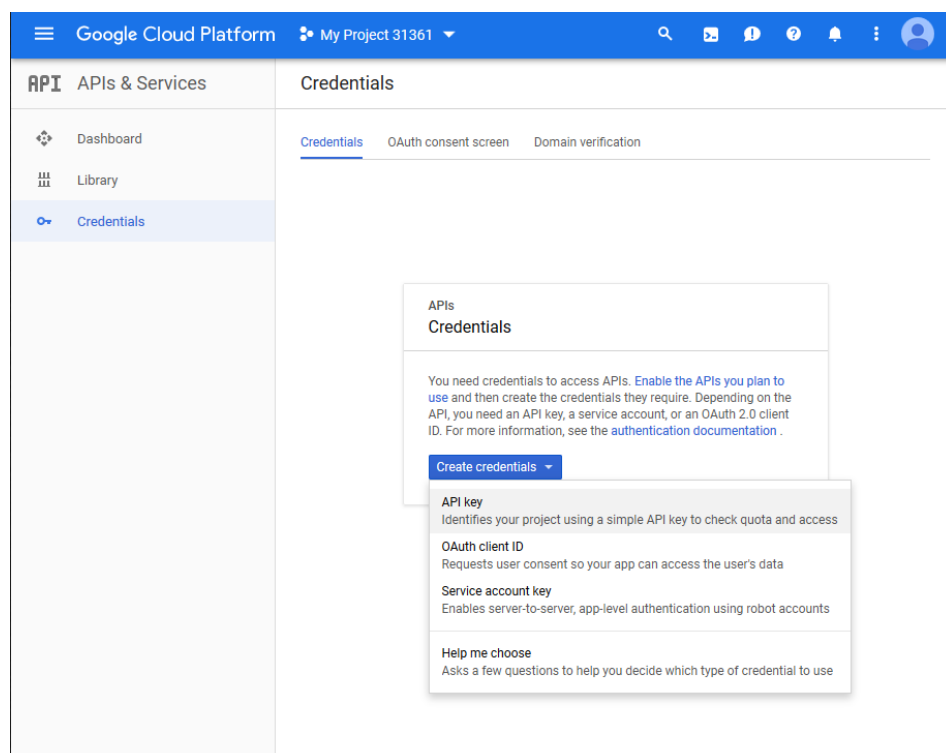
Getting a Google API Key

To get a new API key, click on the  button on the top left corner of the page

Move the mouse over APIs & Service and click on Credentials



On the Credentials page, click on Create Credentials and then click on API key



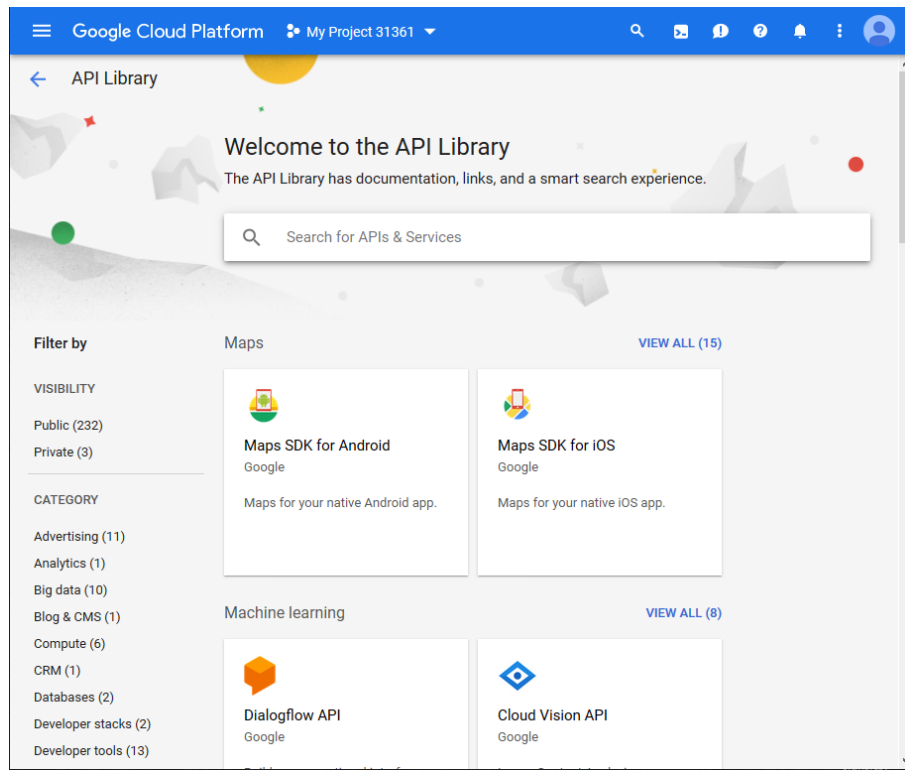
Copy the API Key and enter it against each sign in DS-Live.

Log into DS-Live; go to the Sign List tab; click on More Info and save the API under the Travel Time section.

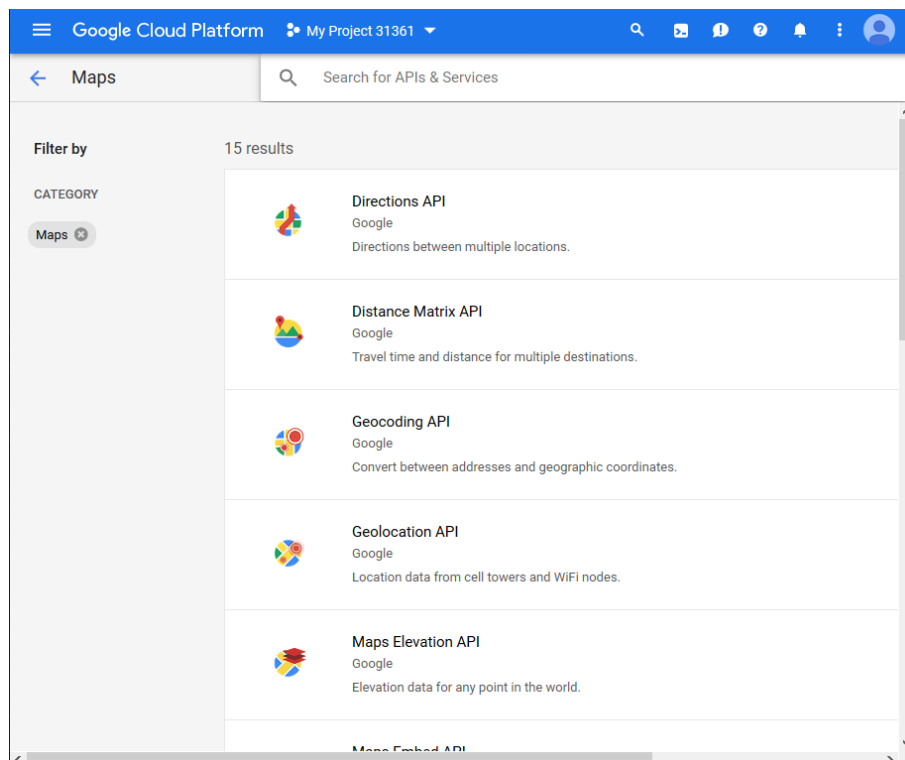
Enabling Distance Matrix API

From the screenshot above, in the left navigation section, click on Library which is just above credentials

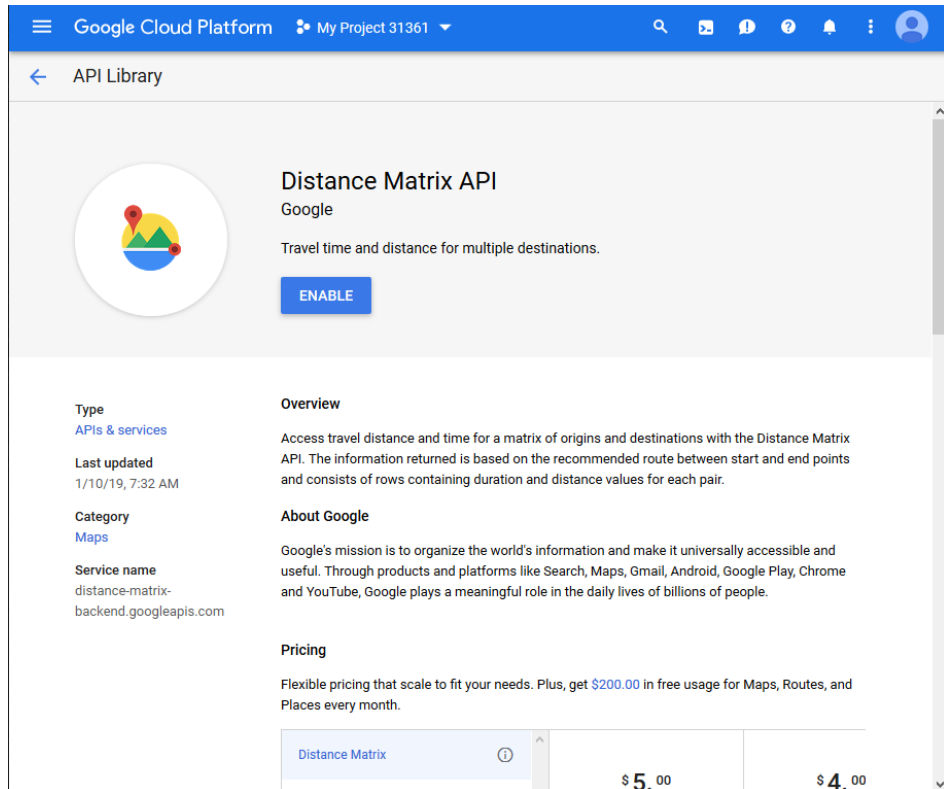
Once in the Library section, click on the “**View All**” link in the Maps section




Click on the Distance Matrix API option from the list



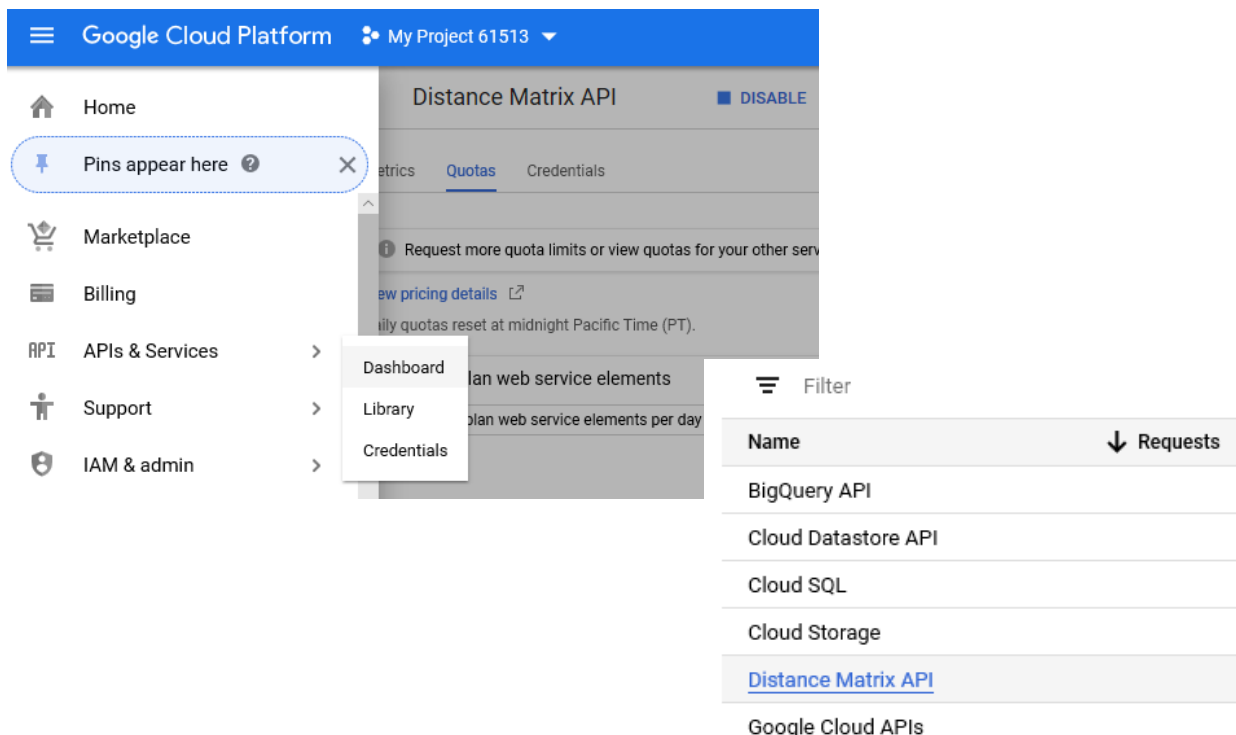
Click on the Enable button to start using Distance Matrix API



After enabling the Distance Matrix API, click on the  button on the top left corner of the page

Move the mouse over APIs & Service and click on Dashboard

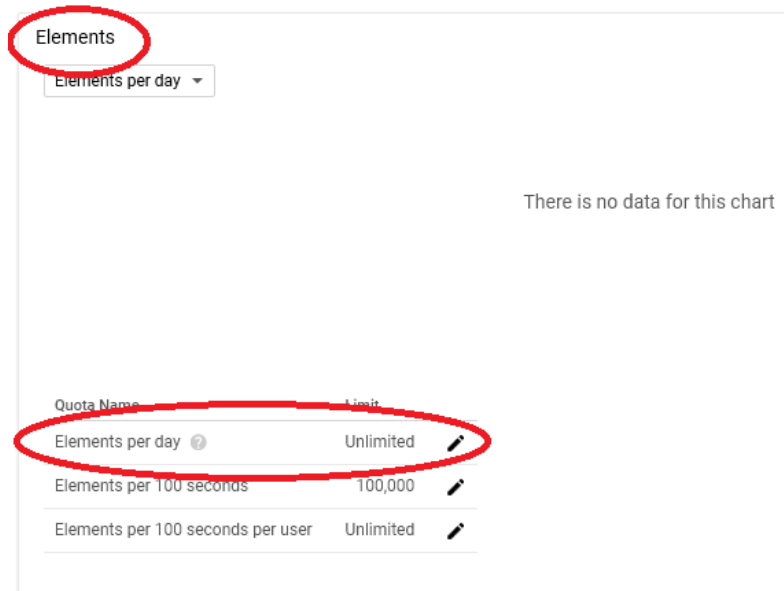
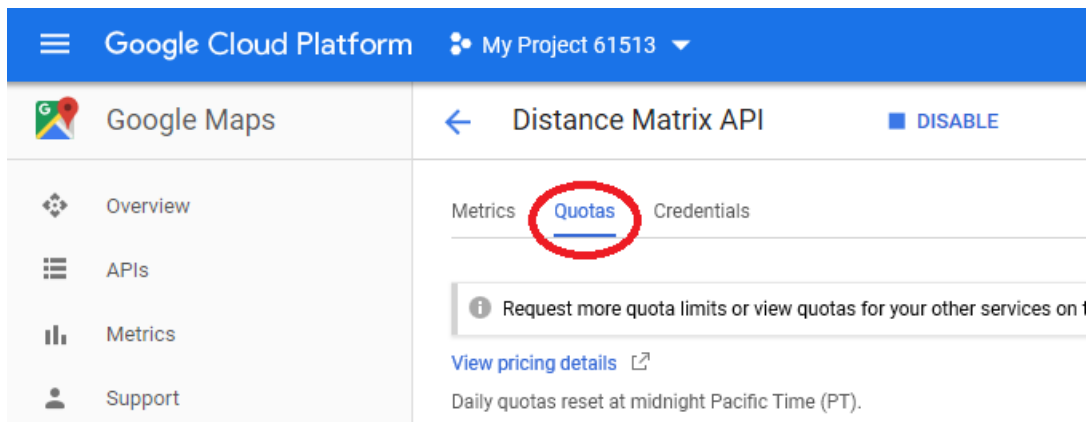
From the API list below, click on the Distance Matrix API



After Distance Matrix API has loaded, click on the Quotas tab

Scroll down to the Elements section and ensure the elements per day is set to Unlimited.

If the Elements per day is set to 1, then click on the edit option besides it and enable the billing account.



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