

# Google Analytics API Integration

## Google Api Console:

Steps:

1. Go to google api console
2. Create a new project

Select a project

 NEW PROJECT

Search projects and folders

RECENT

STARRED

ALL

Name	ID
<div><div><div>☆</div><div>●●●●●</div><div>██████</div><div>?</div></div></div>	██████
<div><div><div>✓</div><div>☆</div><div>●●●●●</div><div>Second API Website</div><div>?</div></div></div>	second-api-website
<div><div><div>☆</div><div>●●●●●</div><div>Odoo Analytics</div><div>?</div></div></div>	odoo-analytics-354208

## 1 Credential Type

### Which API are you using?

Different APIs use different auth platforms and some credentials can be restricted to only call certain APIs.

Select an API \*

Analytics Reporting API



### What data will you be accessing? \*

Different credentials are required to authorize access depending on the type of data that you request. [Learn more](#)

☐ User data

Data belonging to a Google user, like their email address or age. User consent required. This will create an OAuth client.

☒ Application data

Data belonging to your own application, such as your app's Cloud Firestore backend. This will create a service account.

## 6.2. Service Account Detail: Just Give name to the project and create and continue

### 1 Service account details

Service account name

██████

Display name for this service account

Service account ID \*

██████



Email address: dawitt@dawitt.iam.gserviceaccount.com



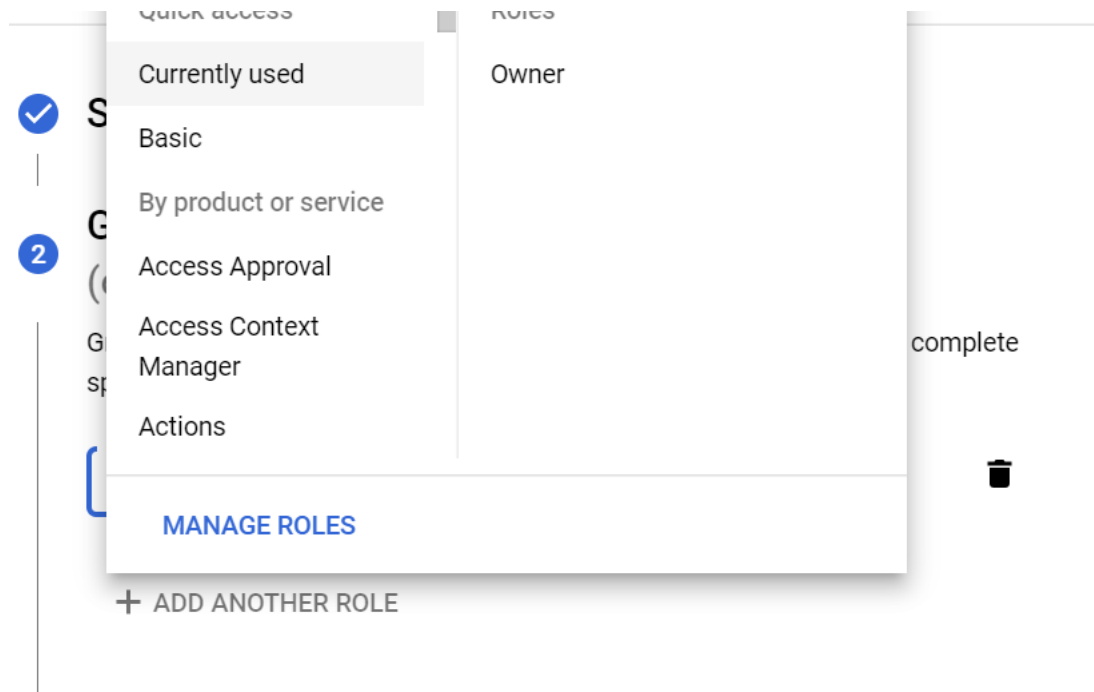
Service account description

Report and Seo

Describe what this service account will do

CREATE AND CONTINUE

6.3. Grant this service account access to project: Make sure to give it owner role



6.4. Give email add them to grant them access on the next slide and then click done

7. To get the JSON file go back to credentials page and look down to 'Service Account' API Keys

<input type="checkbox"/>	Name	Creation date ↓	Restrictions	Actions
No API keys to display				

OAuth 2.0 Client IDs

<input type="checkbox"/>	Name	Creation date ↓	Type	Client ID	Actions
No OAuth clients to display					

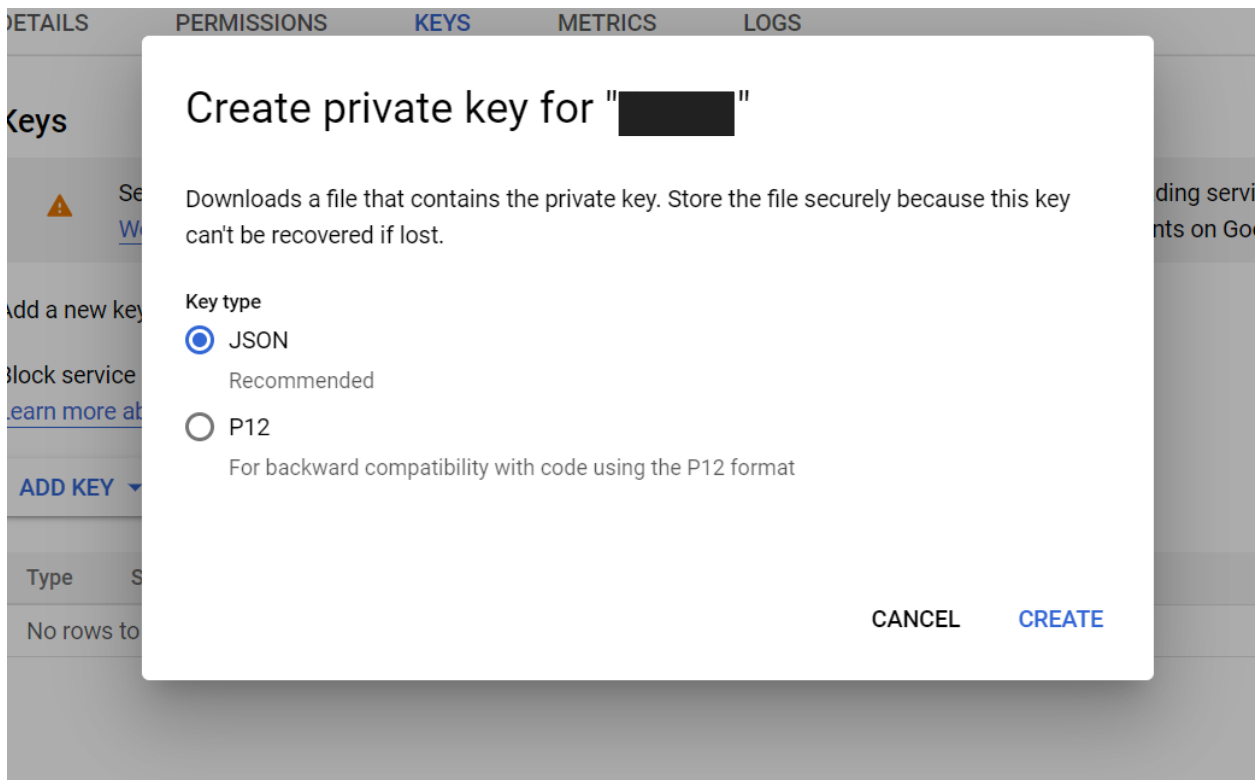
Service Accounts [Manage service accounts](#)

<input type="checkbox"/>	Email	Name ↑	Actions
<input type="checkbox"/>	[REDACTED]	[REDACTED]	

8. Open your newly created service account.

9. In the service account go to 'Keys' Found in the click on 'Add Key'

10. Create a new key with JSON format.

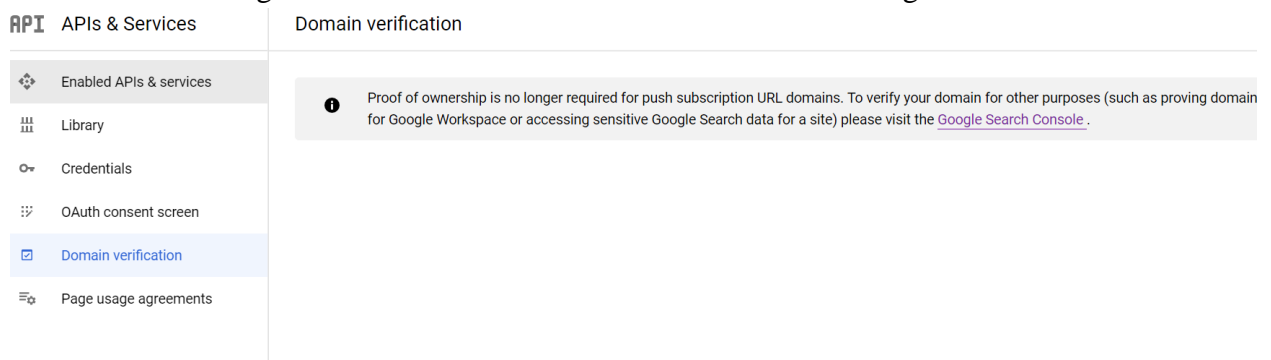


11. Upload the JSON data to you odoo static/json directory.

## Domain Verification:

Steps:

1. In the API console go to Domain Verification. And then click on Google Search Console.



2. On the new page click on 'Verify Your Property'

# Verify your site ownership

## What is verification?

Verification is the process of proving that you own the property that you claim to own. Search Console needs to verify ownership because verified owners have access to sensitive Google Search data for a site, and can affect a site's presence and behavior on Google Search and other Google properties. A verified owner can grant [full or view access](#) to other people.

VERIFY YOUR PROPERTY

## Verify a website property

3. On the search add the URL and then click 'Add Property' button.
4. There will be a popup showing two options. Use the URL prefix and add the url. Then click 'Continue'

Select property type

**Domain** new

- All URLs across all subdomains (m., www. ...)
- All URLs across https or http
- Requires DNS verification

example.com

Enter domain or subdomain

CONTINUE

or

**URL prefix**

- Only URLs under entered address
- Only URLs under specified protocol
- Allows multiple verification methods

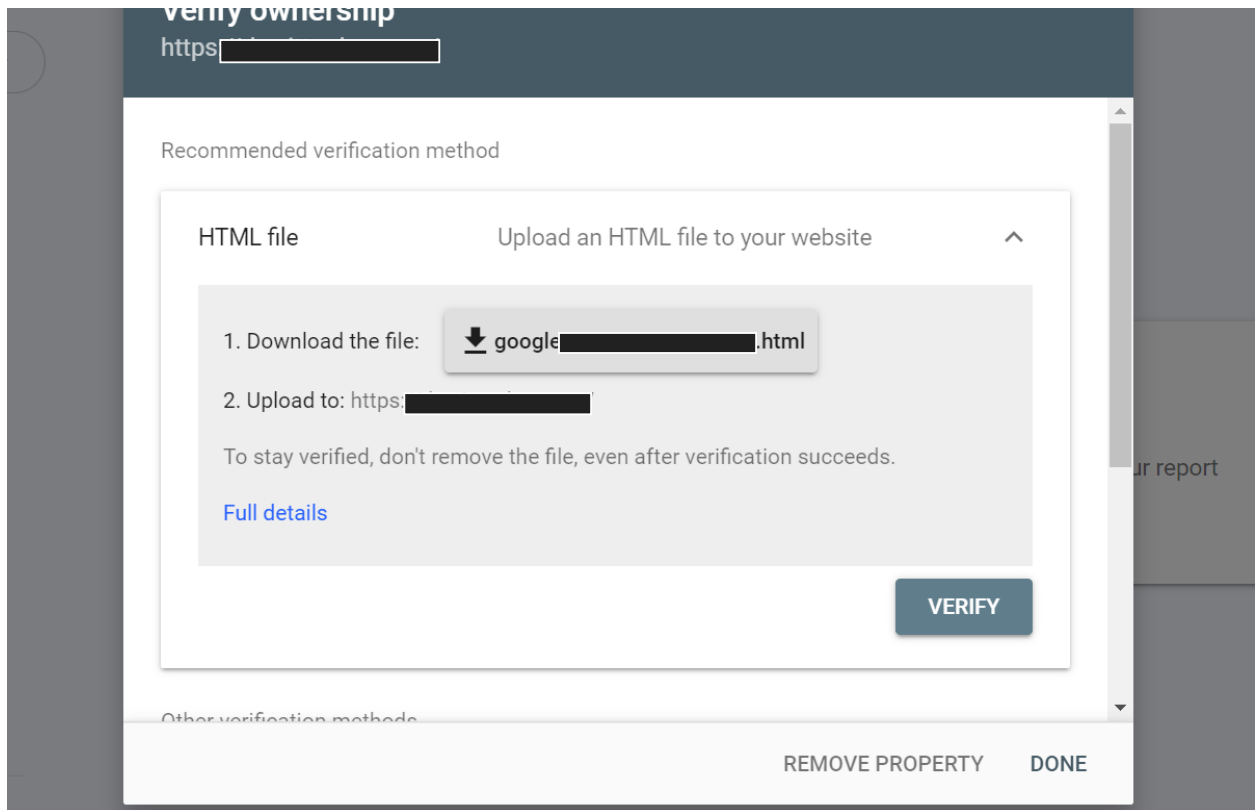
https:

Enter URL

CONTINUE

LEARN MORE CANCEL

5. It will show you a file to download. Download it open it and copy google-site-verification.



6. Add the code to Odoo with the Measurement Id I have said to save.

#### SEO

<p><input checked="" type="checkbox"/> <b>Google Analytics</b> Track visits in Google Analytics</p> <p>Measurement ID: <input type="text" value="G-"/></p> <p><a href="#">How to get my Measurement ID</a></p>	<p><input checked="" type="checkbox"/> <b>Console Google Search</b> Monitor Google Search results data</p> <p>Code: <input type="text" value=""/></p> <p><small>type some of the first chars after 'google' is enough, we'll guess the rest.</small></p>
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7. And then click on 'Verify' from the popup.

## Google Analytics:

Steps:

1. On google analytics go to admin and create a new account by clicking 'Create Account'

2. Make sure to add all the field on the first slide.
3. On the next slide add the property name and time zone
4. The Important part in this slide is 'Show Advanced Options'. Click On this file and activate it. Make sure to add the proper URL.

Create a Universal Analytics property

Universal Analytics properties will stop collecting data starting July 1, 2023. It's recommended that you create a Google Analytics 4 property instead.

Website URL

https:// [Redacted]

☒ Create both a Google Analytics 4 and a Universal Analytics property  
This will create two properties with connected site tags, so you only need to tag your website once. [Learn more](#)

☒ Enable enhanced measurement for Google Analytics 4 property  
Automatically measure interactions on your sites in addition to standard screen view measurement.

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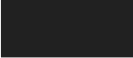
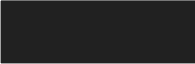


5. On the next slide you can add the employee amount and other information. It is not mandatory.
6. Accept all the terms and create the account
7. Make sure to save the Measurement ID which will be add to Odoo.

## Integrating Google API with Google Analytics:

1. Copy the email found in the JSON file which is created as a key on the previous process. It is the 'client\_email' in the JSON file.


```
"type": "service_account",
"project_id": "[Redacted]",
"private_key_id": "[Redacted]",
"private_key": "-----BEGIN PRIVATE KEY-----\nMIIEvQIBADANBgkqhkiG9w0BAQEFAASCBKcwggSjAgEAAQAB
"client_email": "[Redacted]",
"client_id": "[Redacted]",
"auth_uri": "[Redacted]",
"token_uri": "[Redacted]",
"auth_provider_x509_cert_url": "https://www.googleapis.com/oauth2/v1/certs",
"client_x509_cert_url": "https://www.googleapis.com/robot/v1/metadata/x509/[Redacted]"
```

2. In google analytics go to the created account. Not the GA4 account but the other. The system creates two accounts. One for GA4 and another with UA Code. We are using the UA.

Analytics Accounts	Properties & Apps
 >	
	 ✓ ☆

- Then go to admin
- In the admin click on 'View Access Management'

Property [+ Create Property](#)



GA4 Setup Assistant

Property Settings

Property Access Management

Tracking Info

Property Change History

Data Deletion Requests

View [+ Create View](#)

All Web Site Data

View Settings

View Access Management

Goals

Content Grouping

Filters

Channel Settings

- Click on the plus sign on the upper right corner and click 'Add Users'
- In the newly page you will add the client\_email you have copied from the JSON file.  
This way the API will be integrated to the google analytics report.
- Give the user 'Administrator' access right. And then click on 'Add'.



#### Email addresses

   Enter email addresses

☒ Notify new users by email

#### Direct roles and data restrictions ?

##### Standard roles

- ☒ Administrator  
Full control of view. [Learn more](#)
- ☐ Editor  
Edit all data and settings for view. Cannot manage users. [Learn more](#)

8. In the admin page go to 'View Settings' and fetch the View ID. This with the JSON file will be added to the google authentication page in Odoo.