Connector
Google Analytics

Configuration: Authentication data for Digdash
(service account + P12 file + Google Analytics account's ID)

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I. CONTEXT

This document explains how to get authentication information that Digdash needs to connect to your Google Analytics account.

We need the following information:

- Service account
- P12 file
- Google account's ID

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II. PREREQUISITES

- Being a G Suite subscriber or Cloud Identity subscriber
- Having an activated Organization resource on your domain

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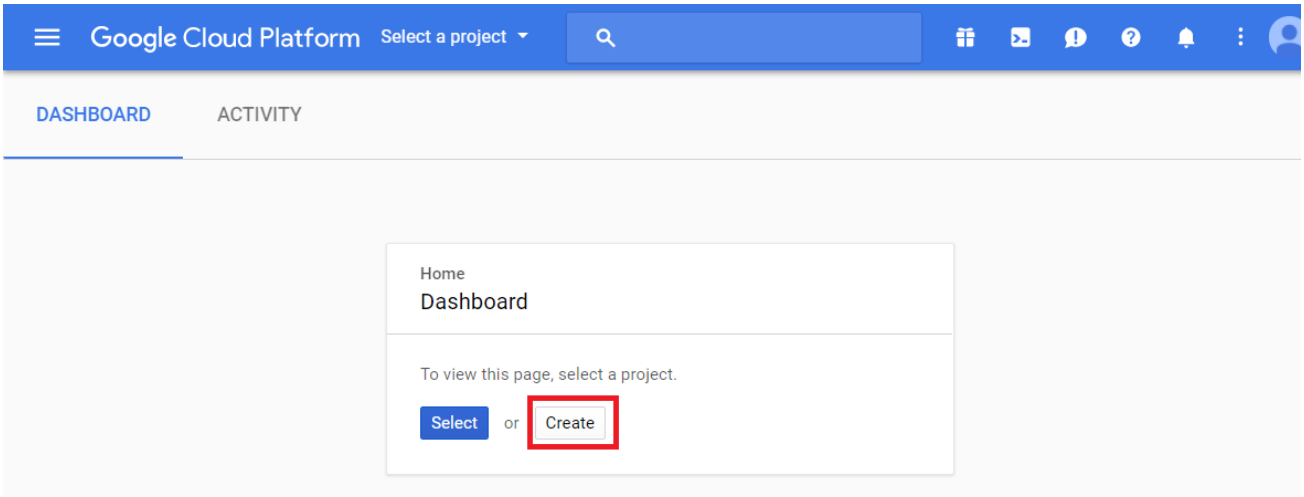
III. CREATING A NEW PROJECT

Go to your Google Cloud console at:

https://console.cloud.google.com/projectselector/home/dashboard?supportedpurview=project



You can either select an existing project or create a new project.

We are going to focus on the creation.

Then click on **Create**.

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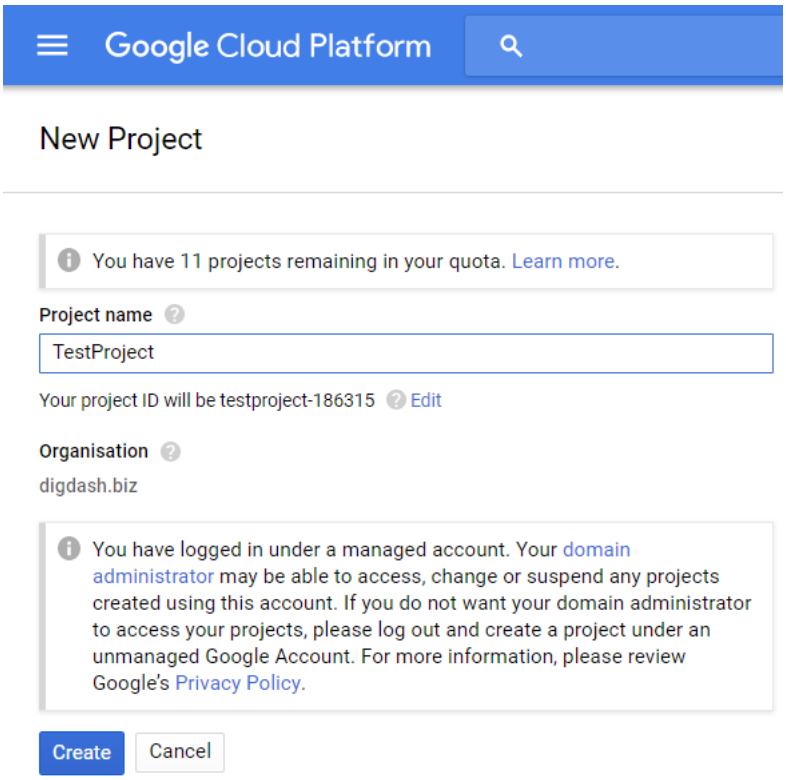
The next screen allows you to define the project. Give it a name and choose its associated Organization.Then click on **Create**.



Please wait for a few seconds, the creation takes a few seconds.

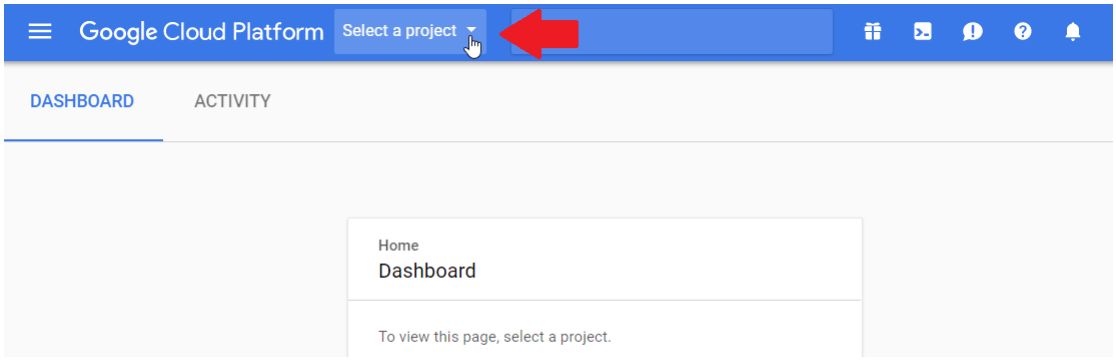
?	The Organization resource is the root node in the Google Cloud Platform resource hierarchy and is the hierarchical super node of projects. A project is then defined after an Organization and the choice is definitive.

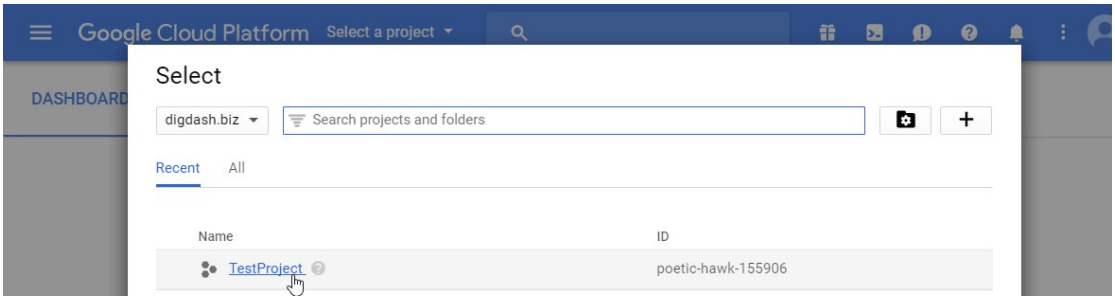
IV. ACTIVATING GOOGLE ANALYTICS API

Go to your Google Cloud console at:

https://console.cloud.google.com/projectselector/home/dashboard?supportedpurview=project

Select the new project we just created.





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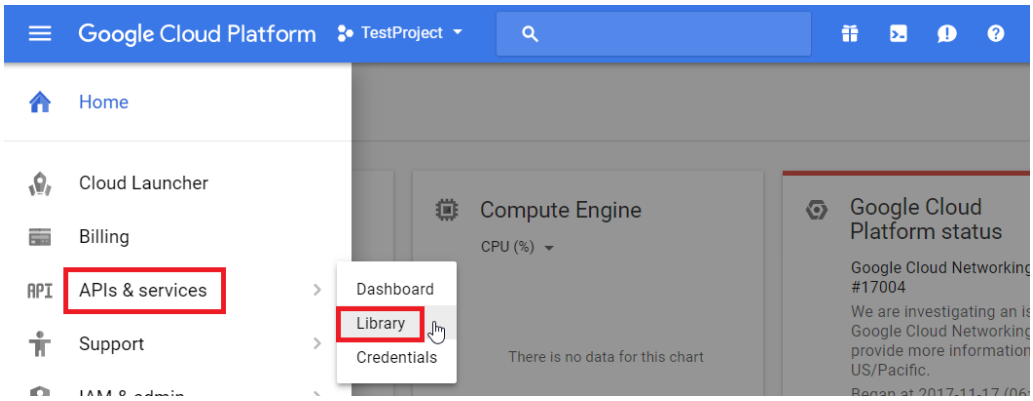
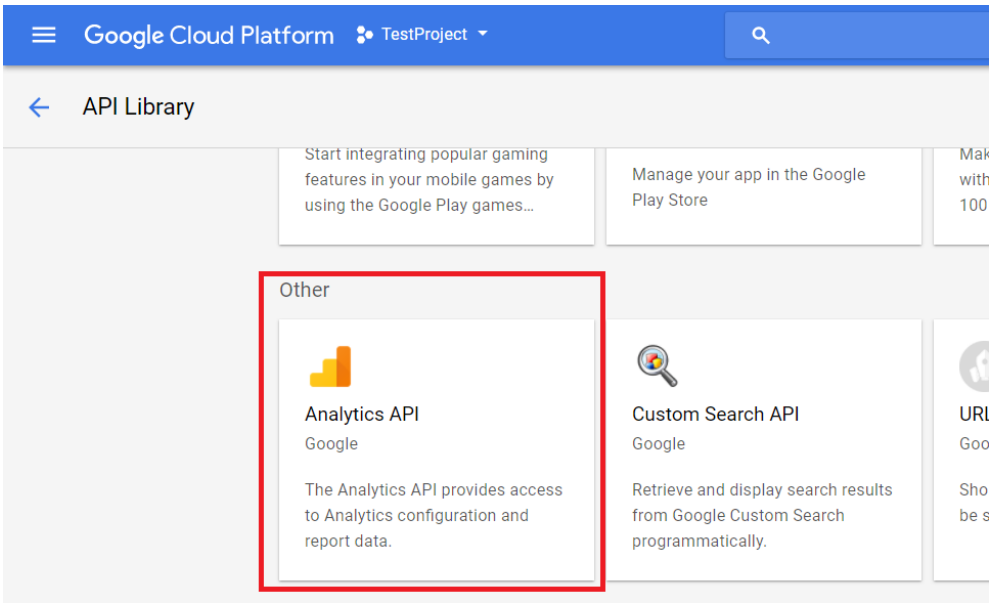
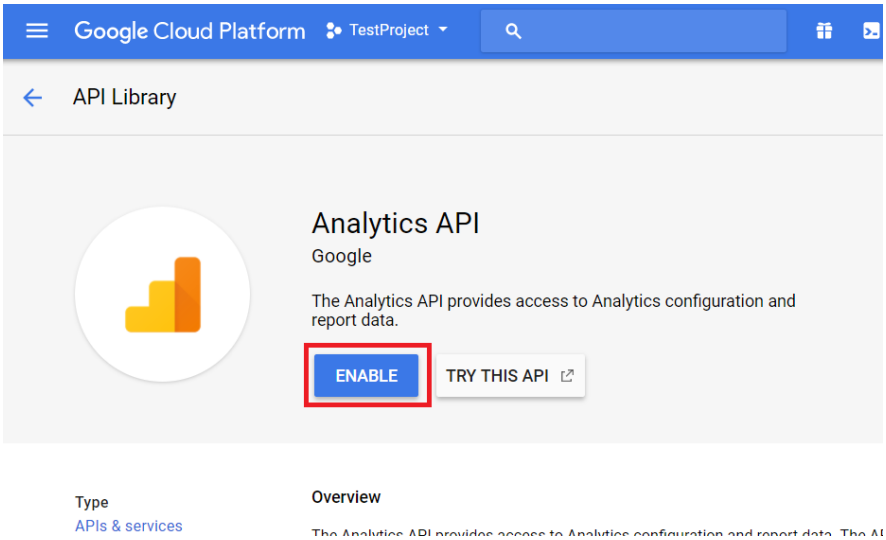
In the left side bar, go to **API & services** > **Library**



Get down on the page to find **Other** > **Analytics API**. Click on it.



In the next screen, click on **Enable**.



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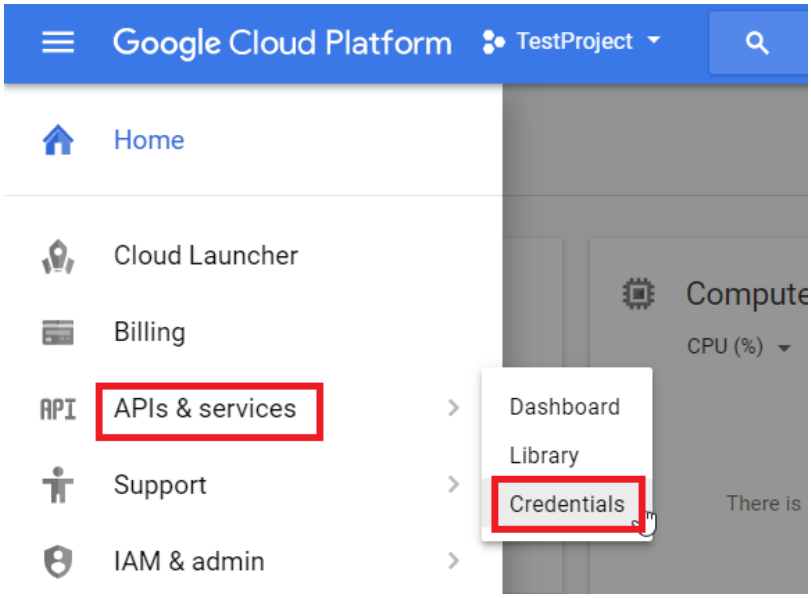
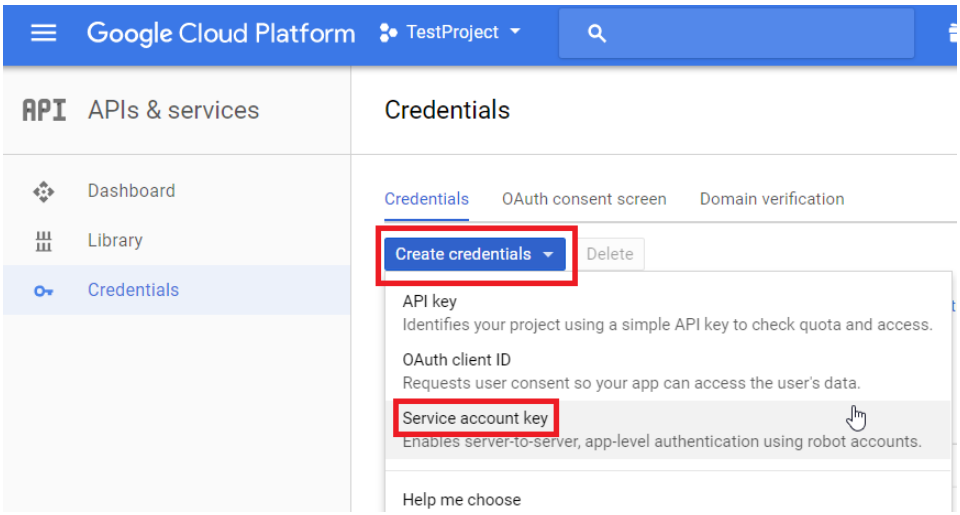
V. CREATING A SERVICE ACCOUNT AND A P12 FILE

In the left side bar, go to **API & services** > **Credentials**



In the next screen, click on **Create credentials** > **Service account key**



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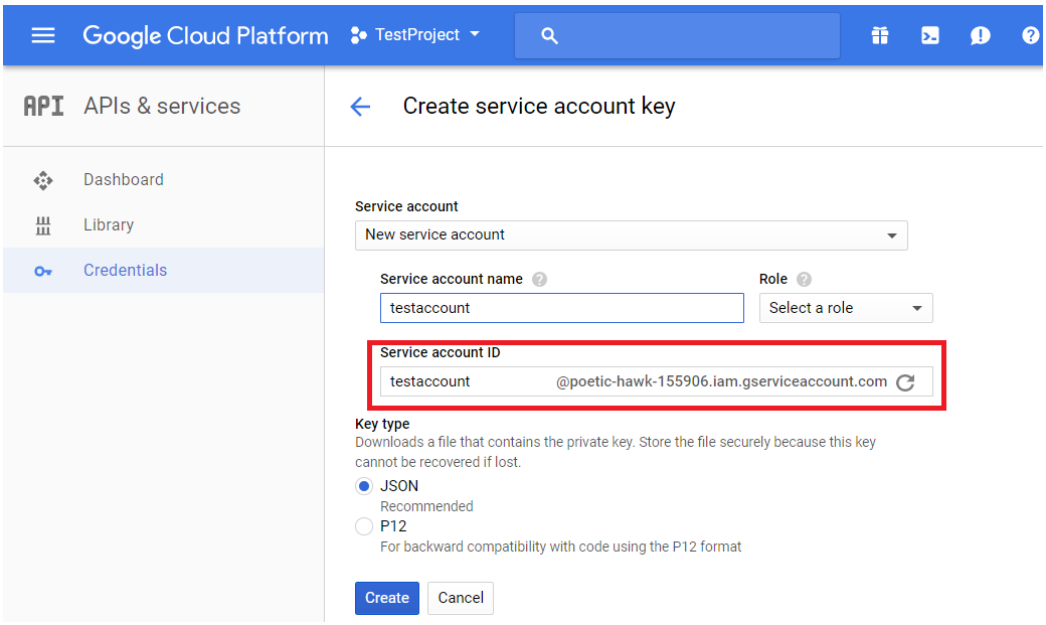
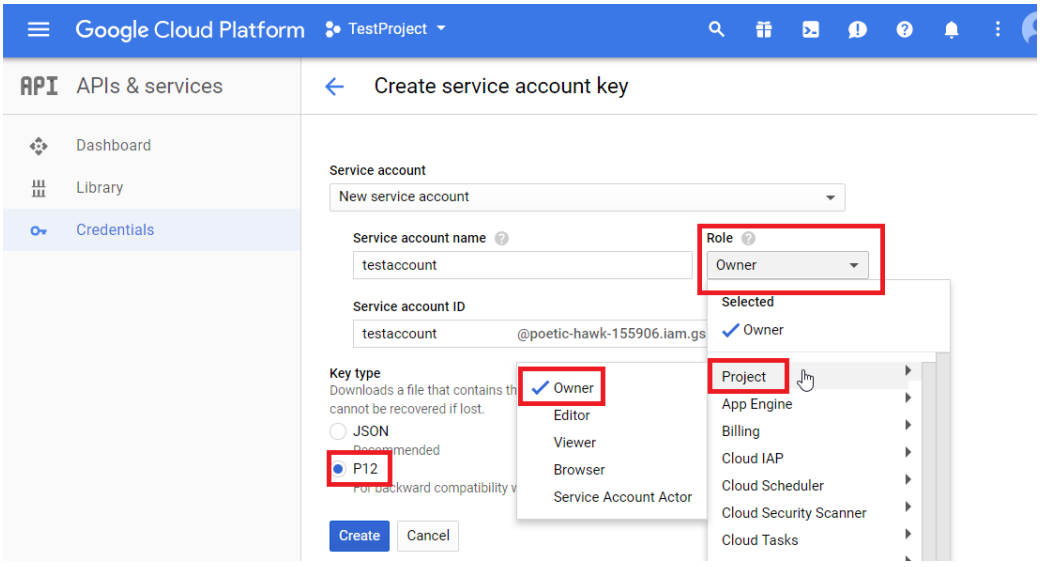
In the next screen, select **New service account** in the dropdown list **Service account** and enter a name in **Service account name.** This generates a **Service account ID** in an email address form (ending with **gserviceaccount.com**).



In the **Role** list, select **Project** > **Owner**

In the options **Key type**, select **P12** then click on **Create**.



The P12 file will be downloaded automatically on your disk, please save it preciously. Click on **Close**.

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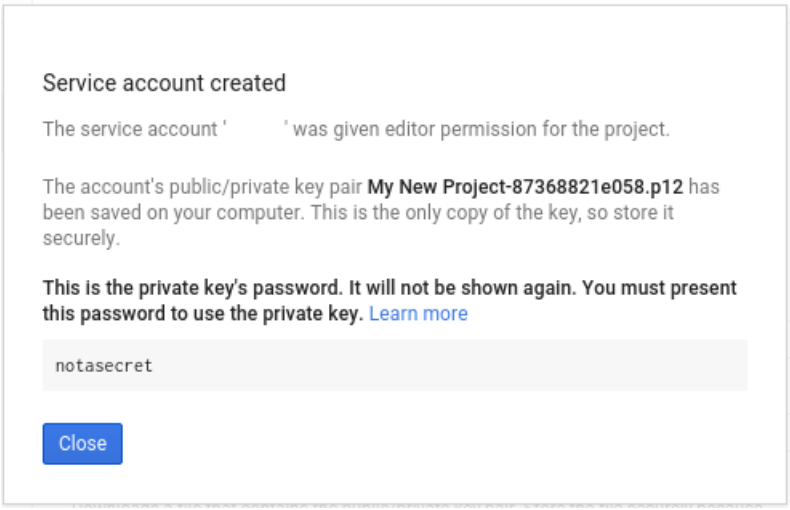
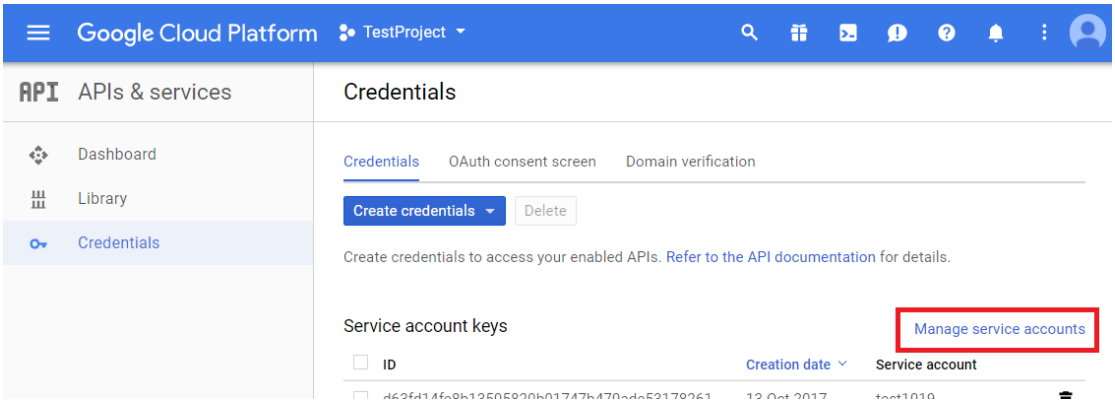
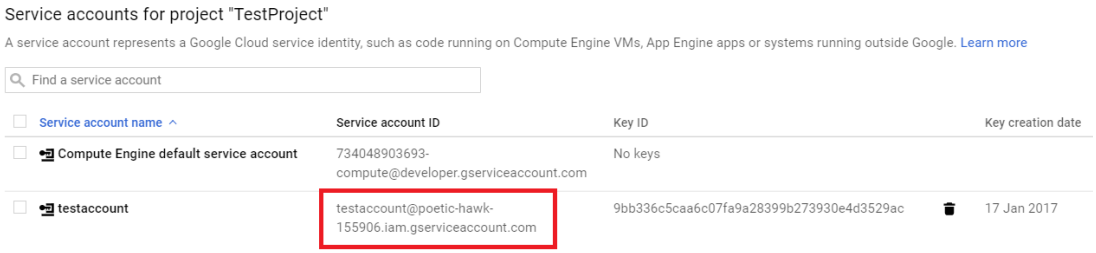


In the next page, click on **Manage service accounts** (on the right).



Then, get the **Service account ID** (in an email address form).



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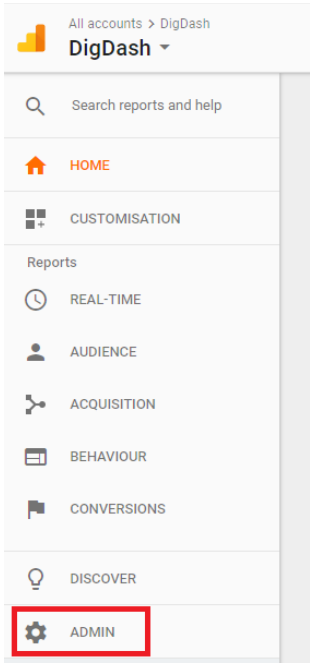
VI. CONNECTING SERVICE ACCOUNT AND GOOGLE ANALYTICS ACCOUNT

Now, we are going to connect the service account we created to your Google Analytics account.

Go to your Google Analytics account at:

https://analytics.google.com/analytics/web/

In the left side bar, click on **Admin**



Then click on **User Management**

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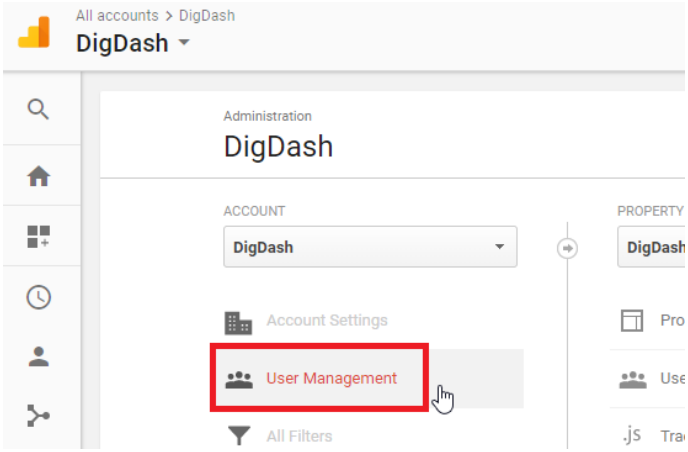
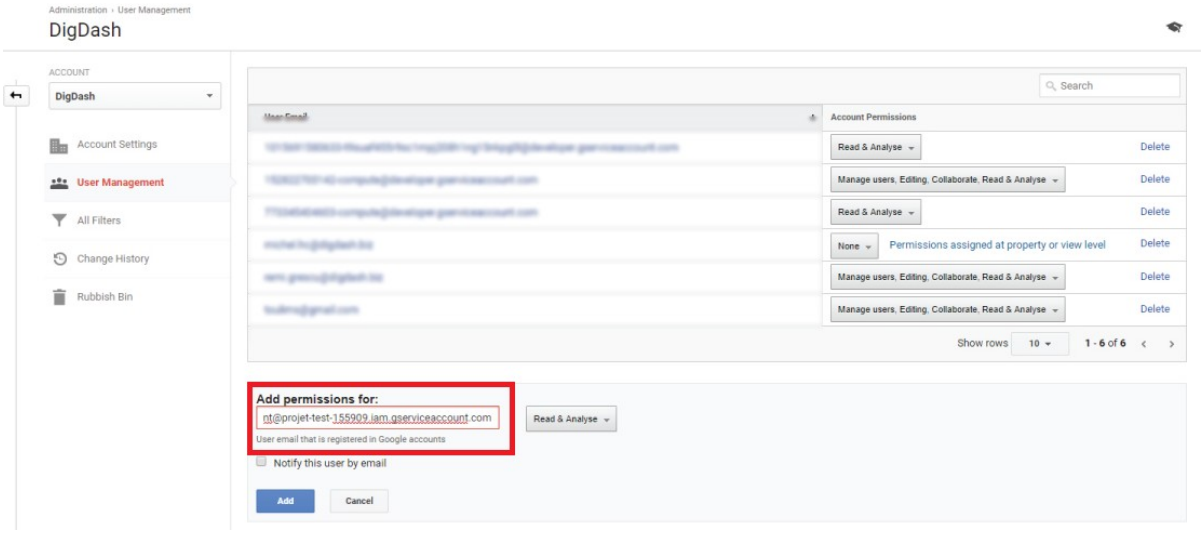


Add the service account ID (in an email address form) and let **Read & Analyse** in the list next to the field.



Please wait for a few seconds so the changes are taken in count (about 3 minutes).

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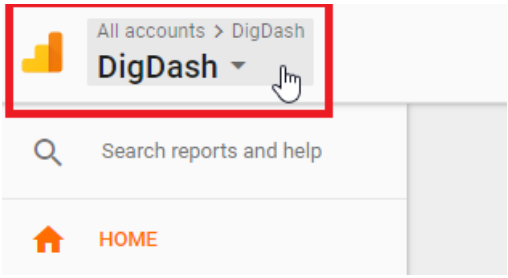
VII. GETTING GOOGLE ANALYTICS ACCOUNT'S ID

This is the ID you will need to enter in Digdash Enterprise Studio.

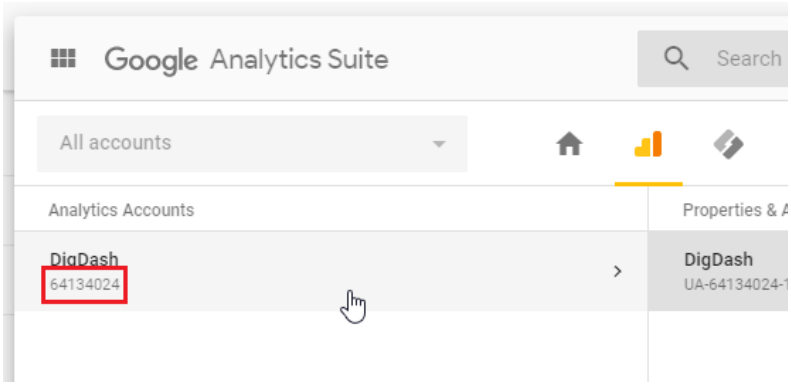
Go to your Google Analytics account at:

https://analytics.google.com/analytics/web/

You can display all your Google Analytics accounts clicking on the button **All accounts** at the top right corner of the page.



This lists all your Google Analytics accounts with their names, their IDs (first column). Please take note of the Google Analytics account's ID you want to work with (the one that is linked to our service account).



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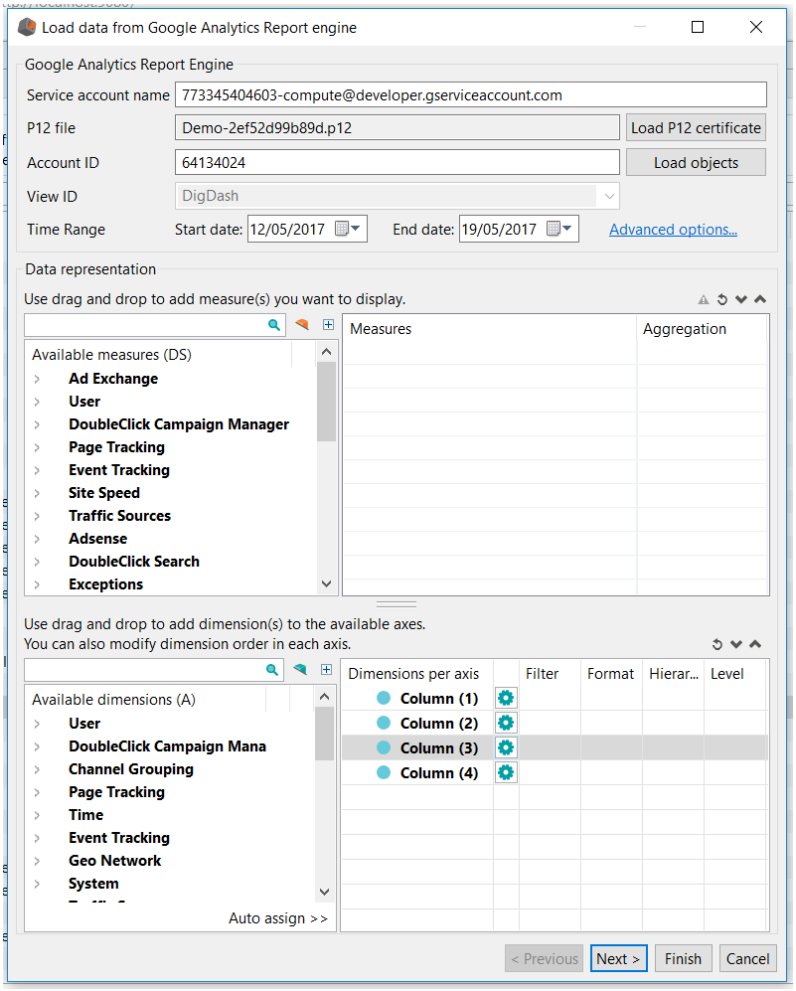
VIII. CONNECTING TO GOOGLE ANALYTICS VIA DIGDASH ENTERPRISE STUDIO

When in Digdash Enterprise Studio, choose a new Google Analytics datasource.

In the interface, enter the corresponding information:

- Service account : it is the service account name we got in an email address form (in the example: **testaccount@projet-test-155909.iam.gserviceaccount.com**)
- P12 file: It is the P12il s'agit du fichier **.p12** téléchargé lors de la création du compte de service)
- Account ID: il s'agit de l'identifiant récupéré dans Google Analytics, dans l'exemple **64134024**)

Load the objects.



(la capture est seulement indicative et ne reprend pas obligatoirement les données des exemples précédents)

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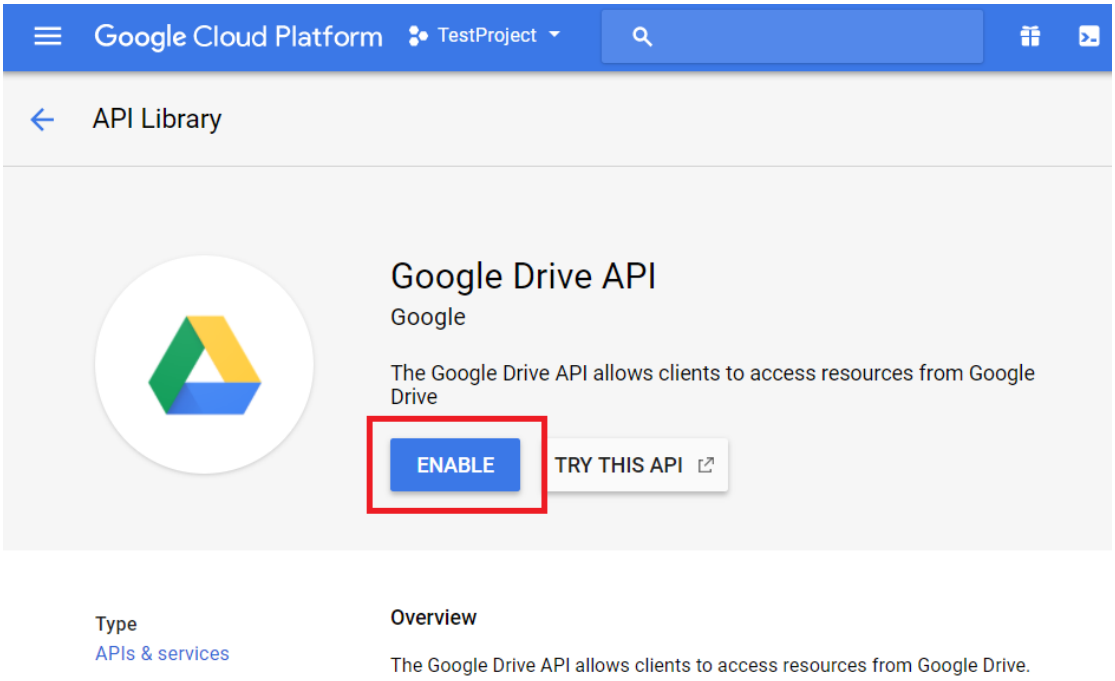

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