A Complete Project on Creating a Report Dashboard from Data from Your Google Workspace Admin Console

By

Collins Ononikpo
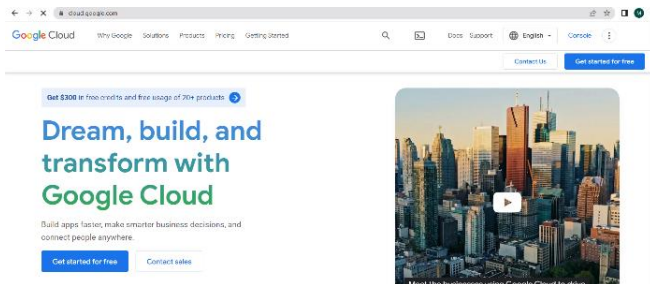
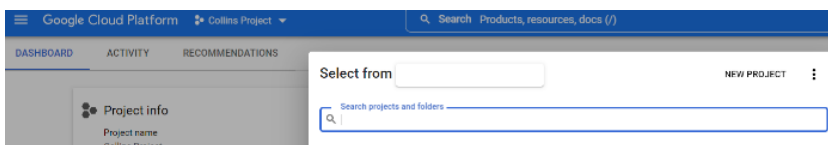LinkedIn: https://www.linkedin.com/in/c-ononikpo/

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Getting all your Data from the Admin Console into Big Query

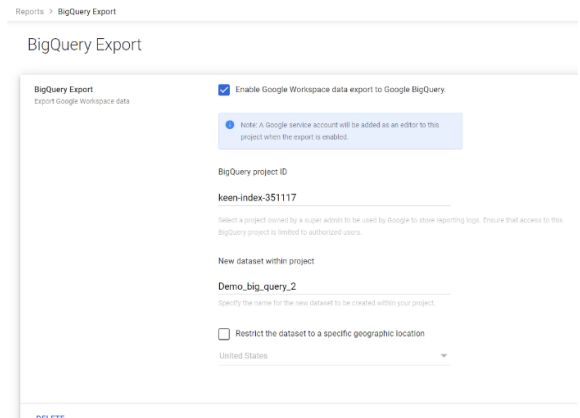**1. Setup a BIG Query Account from** `cloud.google.com`, **then click** `console` **to setup**

2. Create a New Project

3. Then sign into your Admin console from `admin.google.com`
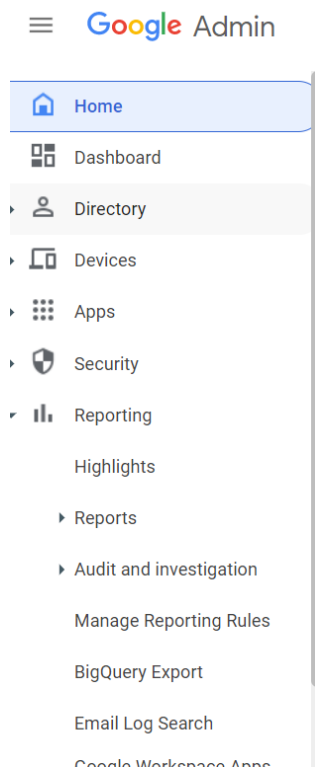
4. Turn on your Big Query Export with the following settings.

In 48 hours or less, all your Admin Console data would be loaded unto Big Query

Queries used for the Report

Calendar 30 Days Active Users
```
SELECT date,
calendar.num_30day_active_users,
FROM `geometric-rex-
350811.demo_big_query_dataset.usage`
WHERE calendar.num_30day_active_users is not n
ull
ORDER BY date DESC;
```
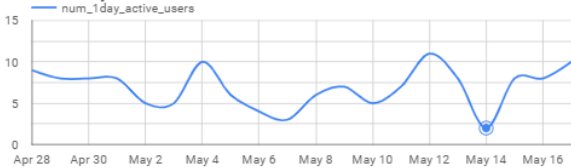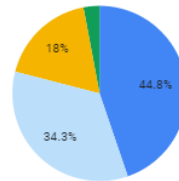
Calendar Daily Active Users
```
SELECT date,
calendar.num_1day_active_users,
FROM `geometric-rex-
350811.demo_big_query_dataset.usage`
WHERE calendar.num_1day_active_users is not nu
ll
ORDER BY date DESC
```

Find the number of Super Admins in a given domain
```
SELECT COUNT(DISTINCT user_email) as number_of
_Super_admins,
date,
FROM `geometric-rex-
350811.demo_big_query_dataset.usage`
WHERE accounts.is_super_admin = TRUE
GROUP BY 2
ORDER BY 2 DESC;
```

Most Frequent events performed by an admin
```
SELECT count(*) as admin_actions,
event_name,
FROM `geometric-rex-
350811.demo_big_query_dataset.activity`
where email IN (SELECT user_email
From `geometric-rex-
350811.demo_big_query_dataset.usage`
where accounts.is_super_admin = True)
Group by 2
Order by 2 DESC;
```

No of Admin & delegated accounts & number of disabled, locked out and suspended by date
```
SELECT date,
accounts.num_locked_users,
accounts.num_disabled_accounts,
accounts.num_delegated_admins,
accounts.num_super_admins,
accounts.num_users,
FROM `geometric-rex-
350811.demo_big_query_dataset.usage`
WHERE accounts.num_users is not null
order by date ASC;
```

Number of Google Drive items shared, grouped by sharing method
```
SELECT count(DISTINCT drive.doc_id) as Count,
drive.visibility,
FROM `geometric-rex-
350811.demo_big_query_dataset.activity`
where drive.doc_id is not null
Group by 2
Order by 1 DESC;
```

Number of calendar events by type
```
SELECT count(DISTINCT calendar.calendar_id) as
 Count,
event_name,
FROM `geometric-rex-
350811.demo_big_query_dataset.activity`
where calendar.calendar_id is not null
Group by 2
Order by 1 DESC;
```

BIG Query Panel of the working

Google Data Studio Report Dashboard

https://datastudio.google.com/reporting/795f69f7-e15a-498a-b9c7-3cdab9dd3e9c