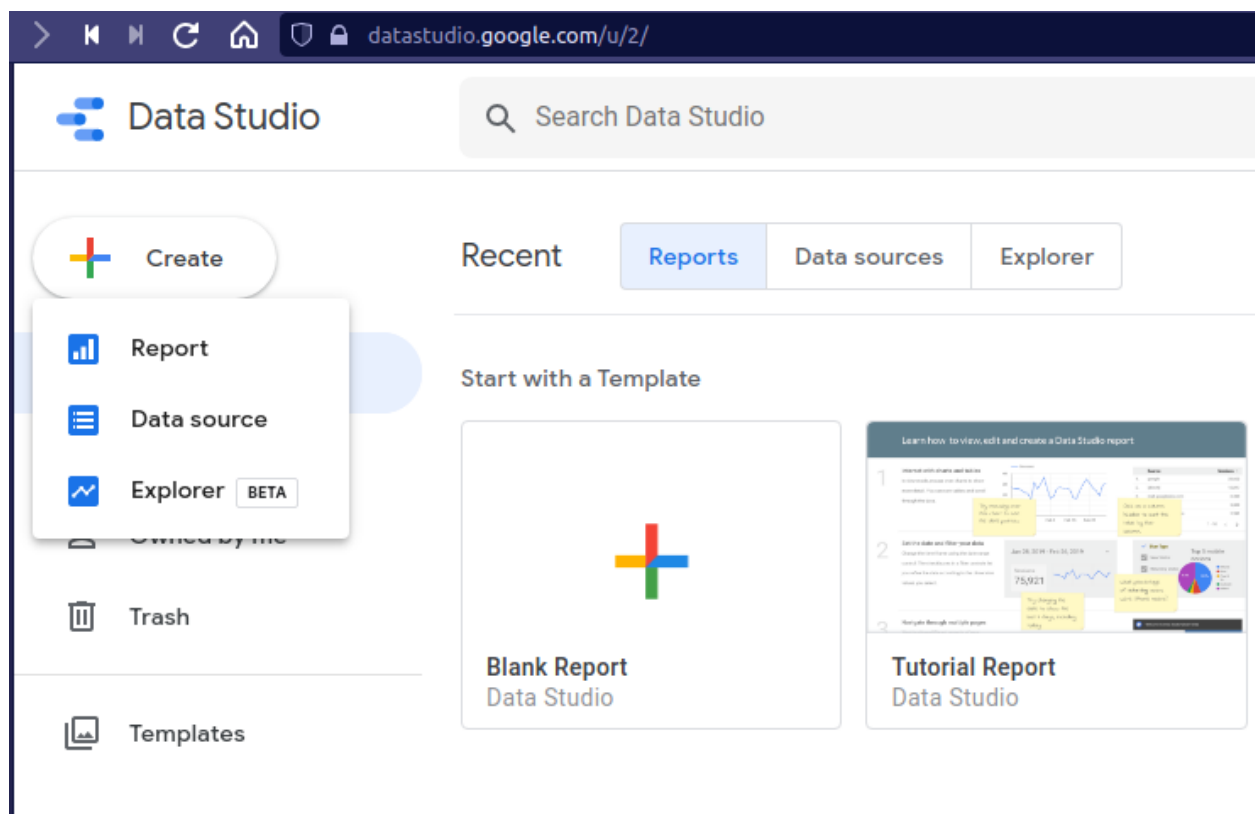


# GCP DataStudio

It is so practical to use GCP DataStudio to prepare visualizations with the data stored on BigQuery. Below is the a quick example

- **Step1: Integrate the Data Source**


The initial step is to integrate corresponding BigQuery Tables with the DataStudio. Click on Create >> DataSource to initiate the interface. Then select BigQuery icon among options.



- **Step2: Select the table**

Navigate through projects to table of interest. The same can be done with *Add Data* button on the report page. So, one can import several tables to work on for visualization or reporting.

← SELECT CONNECTOR

 Make your BigQuery reports load even faster with BigQuery BI Engine. [Learn More](#)






### BigQuery

By Google

BigQuery is Google's fully managed, petabyte scale, low-cost analytics data warehouse. BigQuery charges for querying/processing of data. Those queries are charged to the credit card of the billing project.

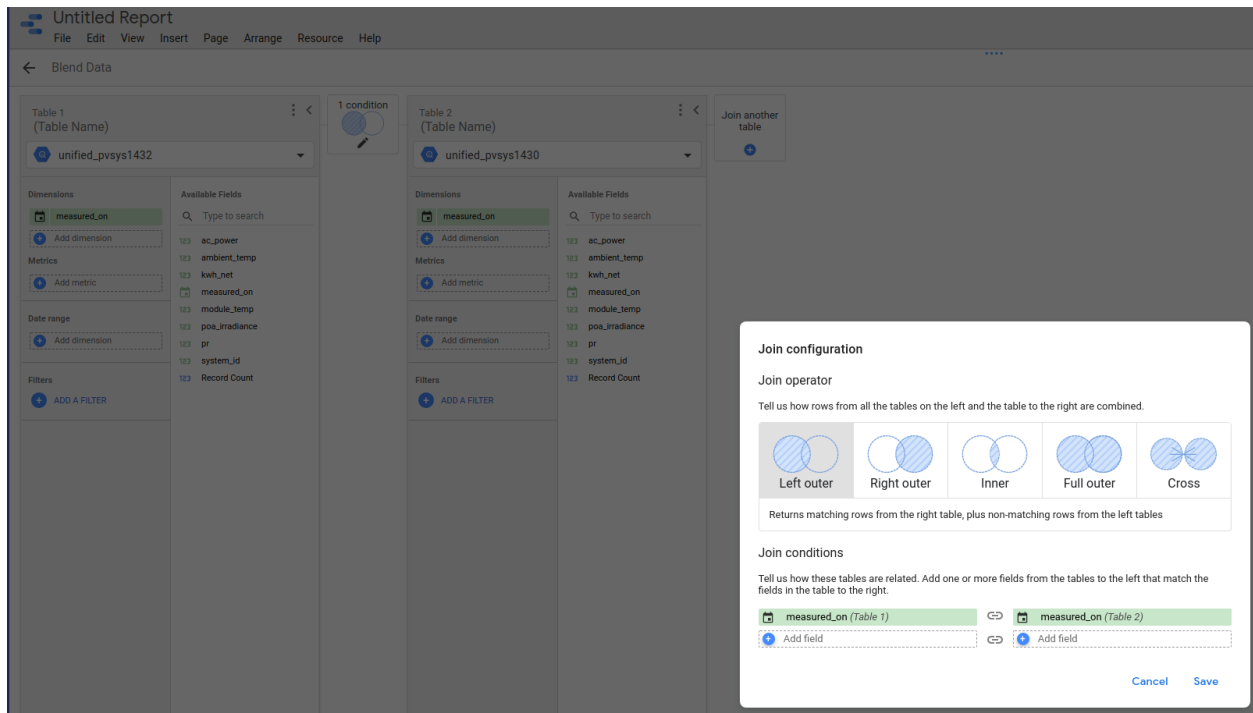
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RECENT PROJECTS	Project 	Dataset 	Table 
MY PROJECTS	Enter Project Id manually	dl[redacted]n	table_pvsys1430
SHARED PROJECTS	[redacted]project	pvsys1430	table_pvsys1431
		pvsys1431	table_pvsys1432
CUSTOM QUERY	[redacted]dataeng	pvsys1432	table_pvsys1433
	My First Project	pvsys1433	unified_all
PUBLIC DATASETS			unified_pvsys1430
			unified_pvsys1431
			unified_pvsys1432
			unified_pvsys1433

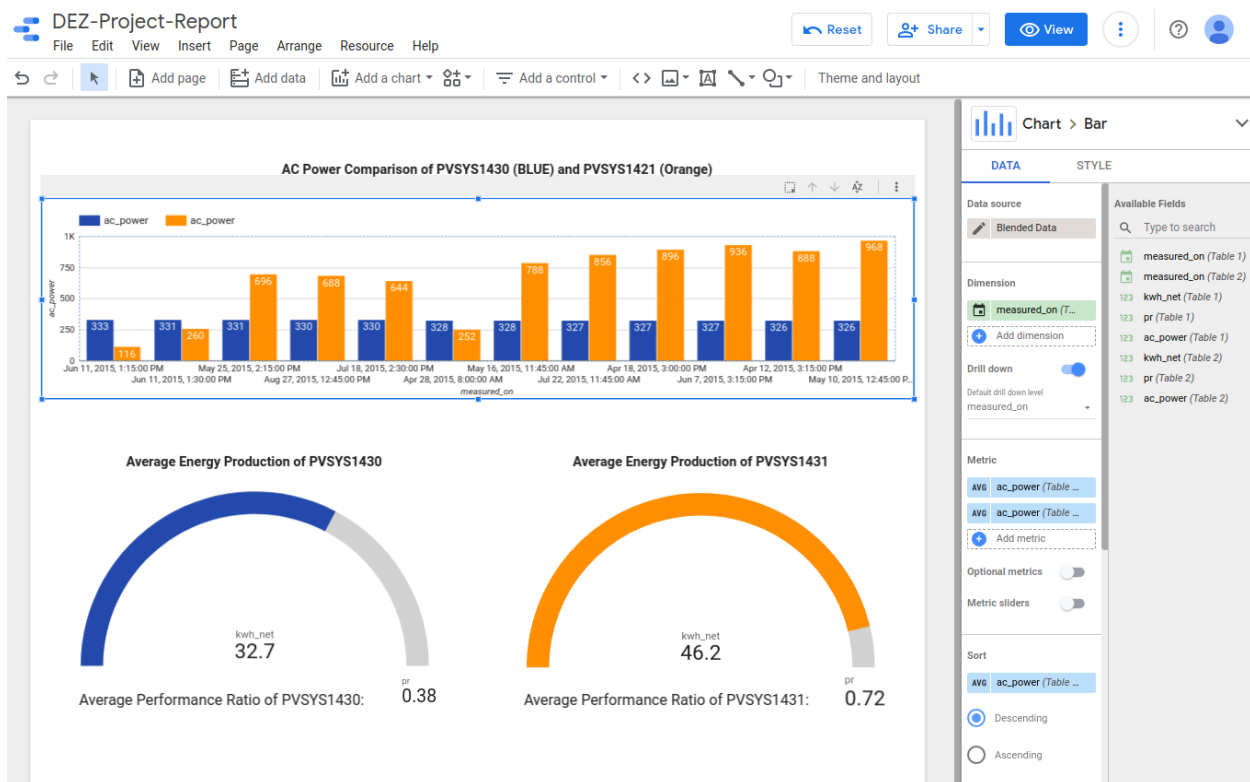
- **Step3(Optional): Prepare Data Blends**

On report page, it is possible to join important tables for combined analysis. Click on *Resource* >> Manage Blends >> Add Blend to “join” tables as like in SQL Queries.



- **Step4: Add Visualization Items**

DataStudio offers variety of chart types to visualize data. Once adding one of them by clicking on *Add a chart* button, it is so convenient to add axis parameters since the column headers of included dataset tables are listed on the right hand side.



If there exist a common x-axis, one can draw several parameters from a “Blend” (see step 3) for visual comparison.