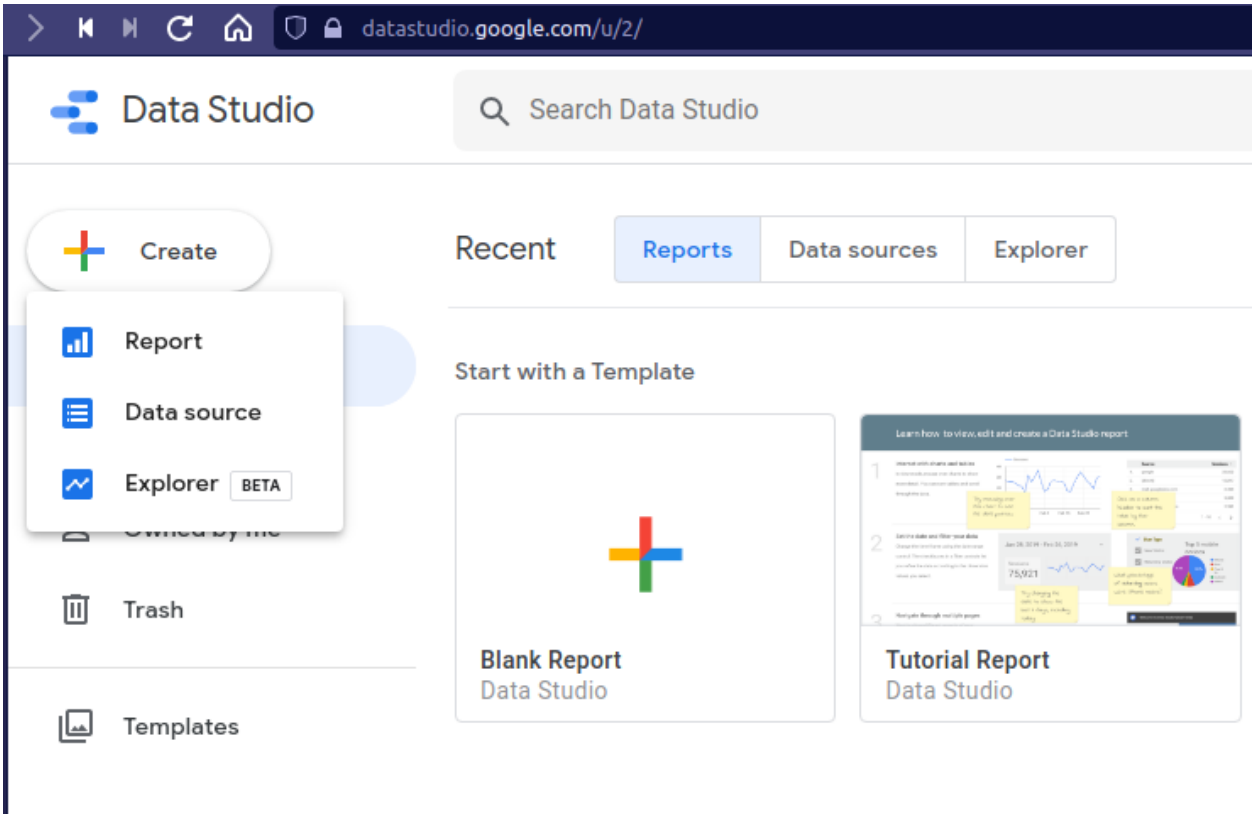
GCP DataStudio

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

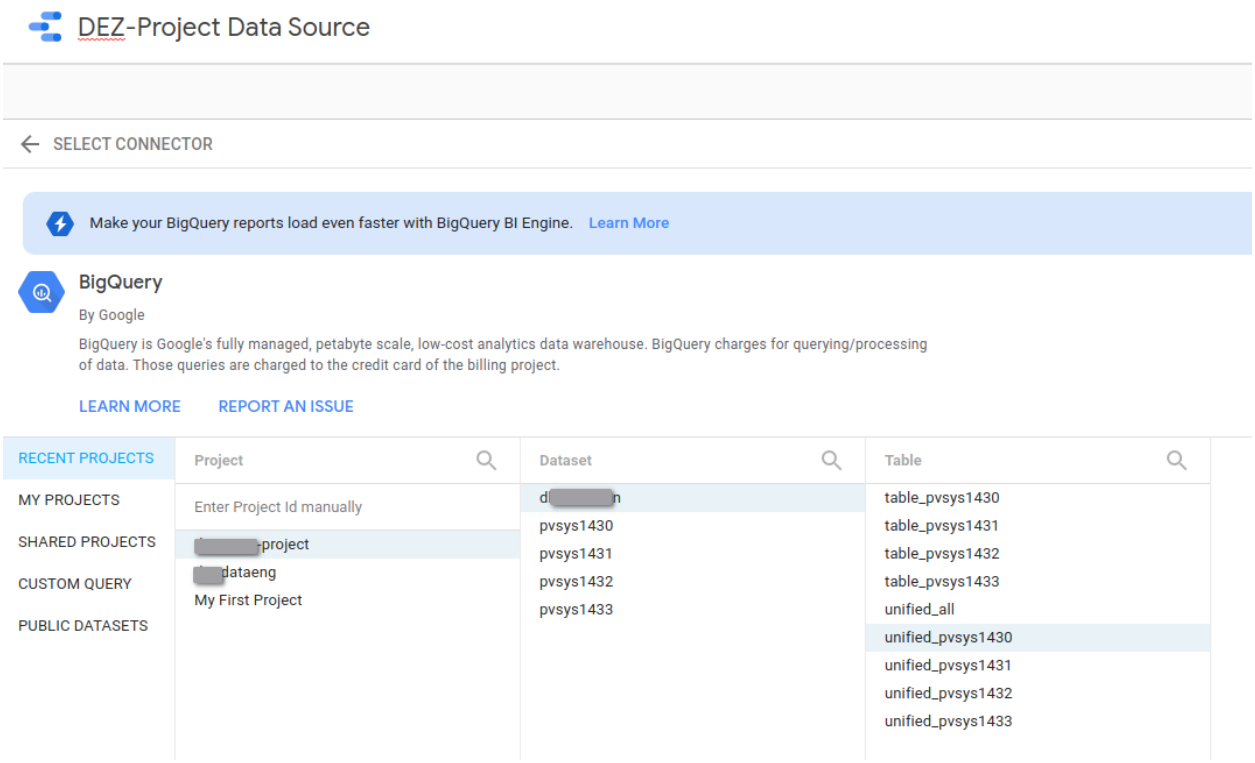
- **Step1: Integrate the Data Source**

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.



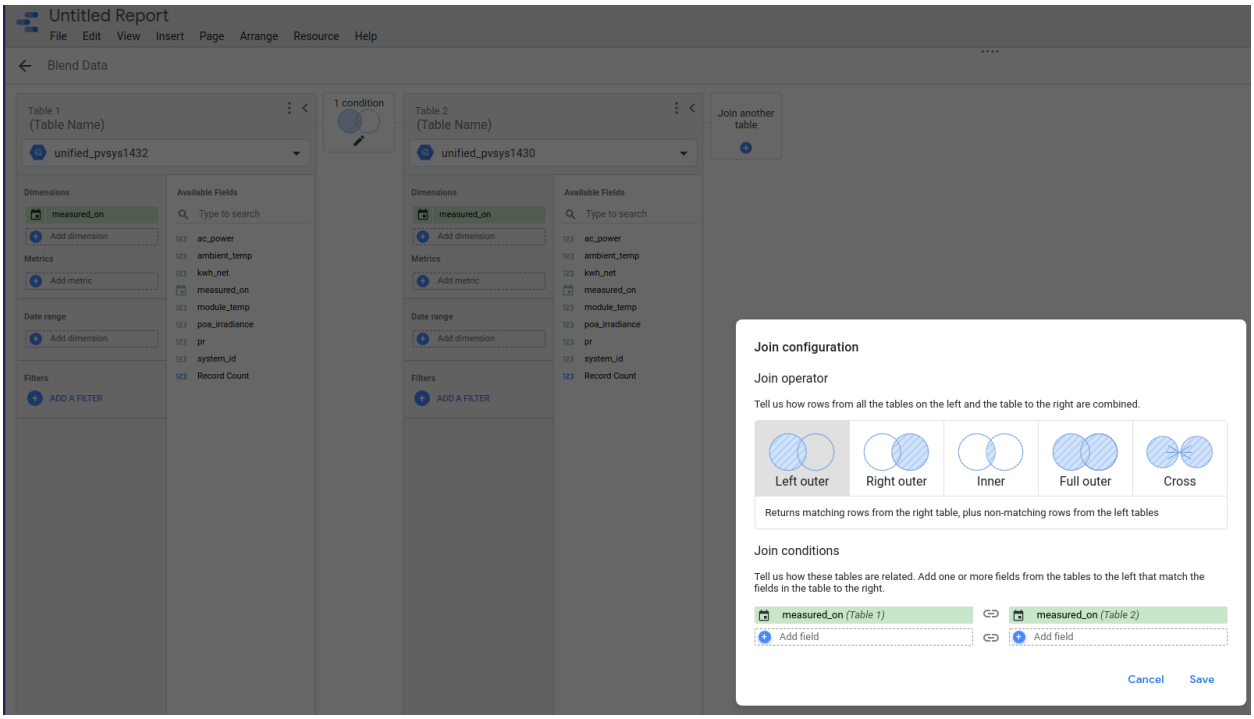
- **Step2: Select the table**

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.



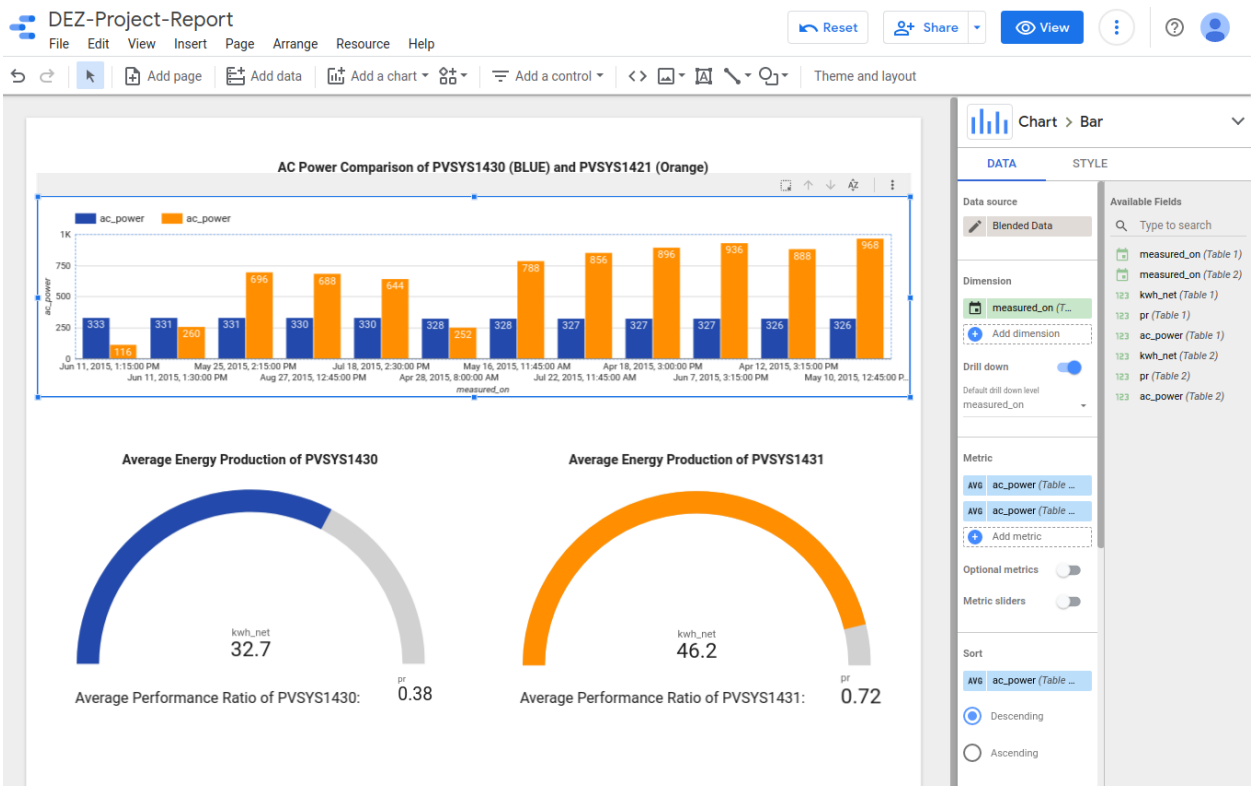
- **Step3(Optional): Prepare Data Blends**

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 hang side.



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