10/31/2020 story1



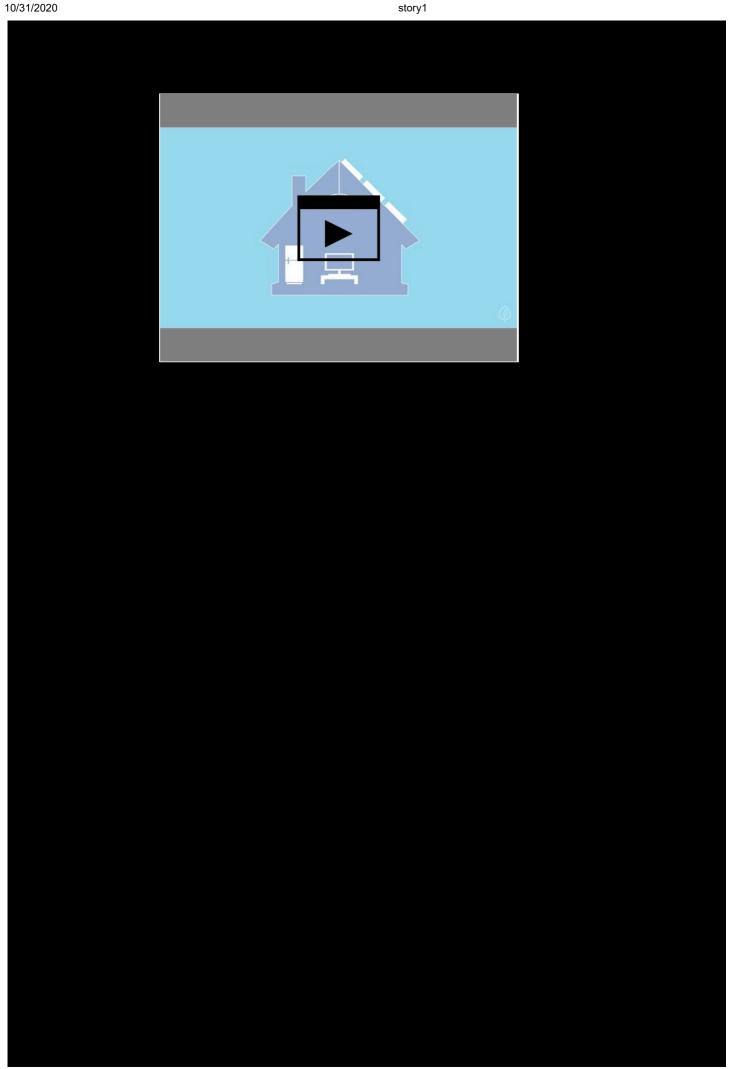
BI Project Presentation

Let's

Here we go!

What is data

Here, the data is about the Output Yielded of two Solar **Power Generation**



Exploring and Cleaning Data

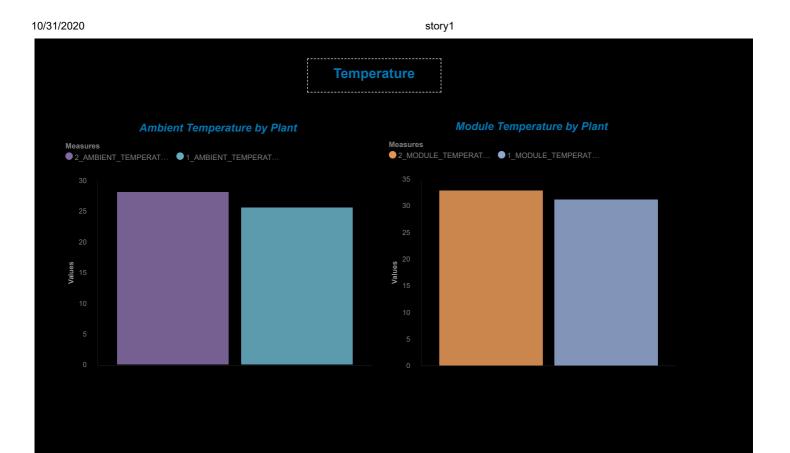
- I have the data of weather (of each Plant) and the Power generated (from each Plant).
- I have cleaned this data by:
 - Replacing NA values with average value or 0 as and when required.
 - Combined all the datasets with the concept of foreign key.
 - Changed the format of Date and Time as required.

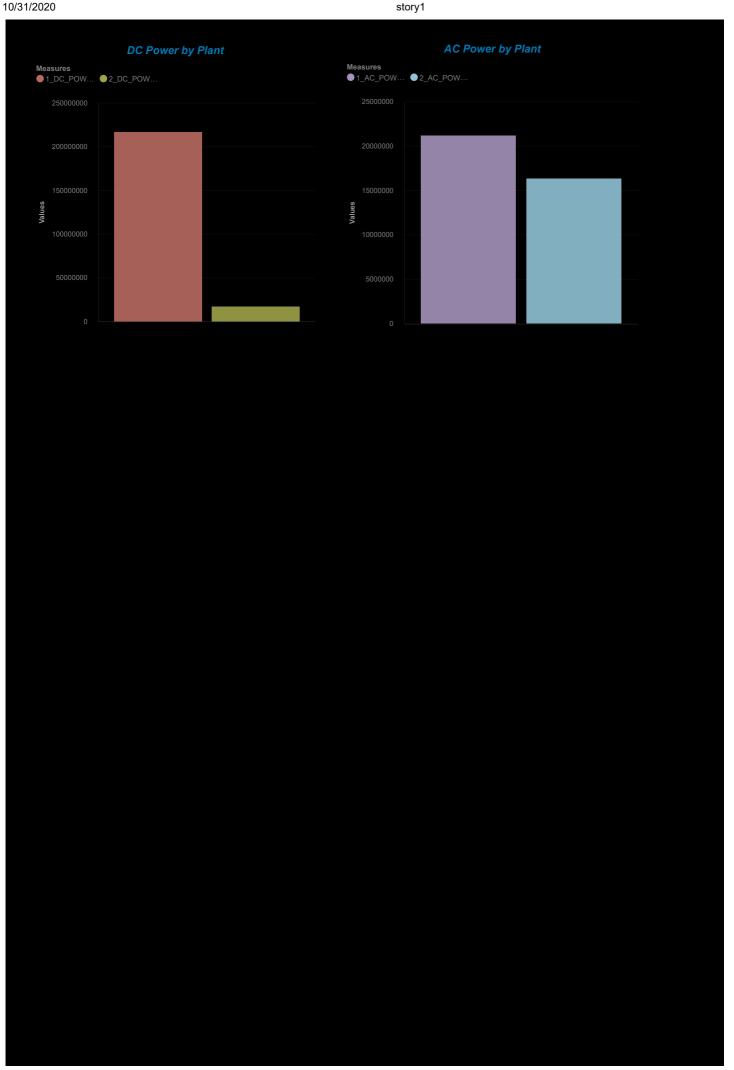
Why am I

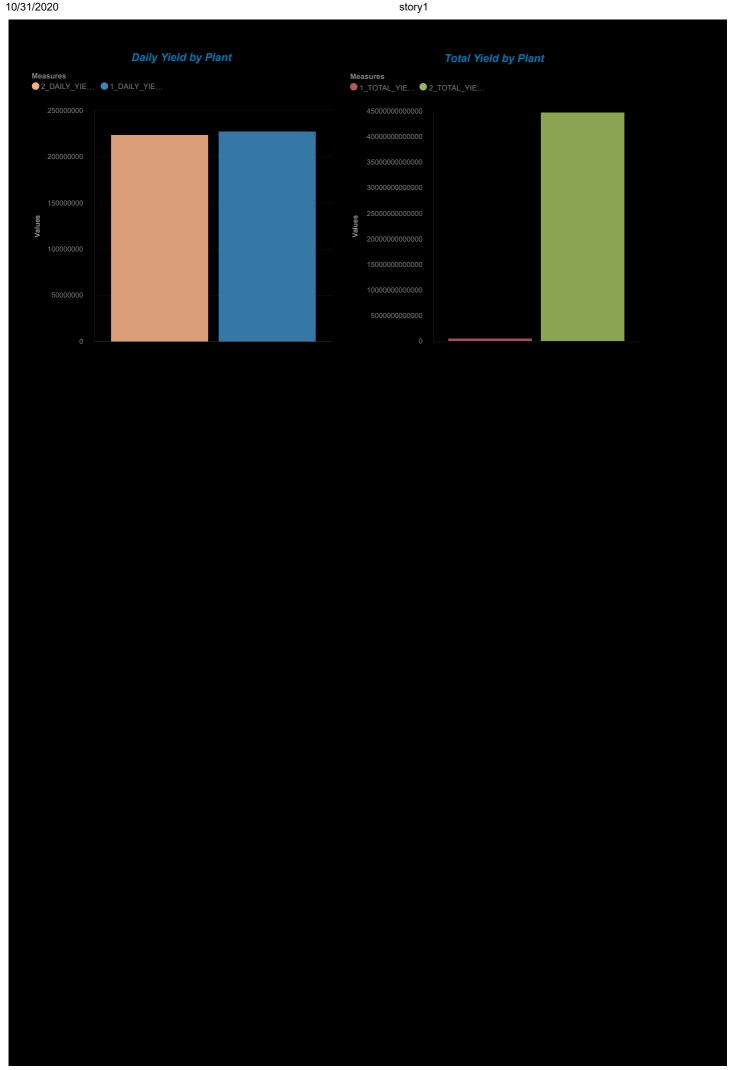
story1

To identify damaged or faulty performing equipment for generation of Solar Power

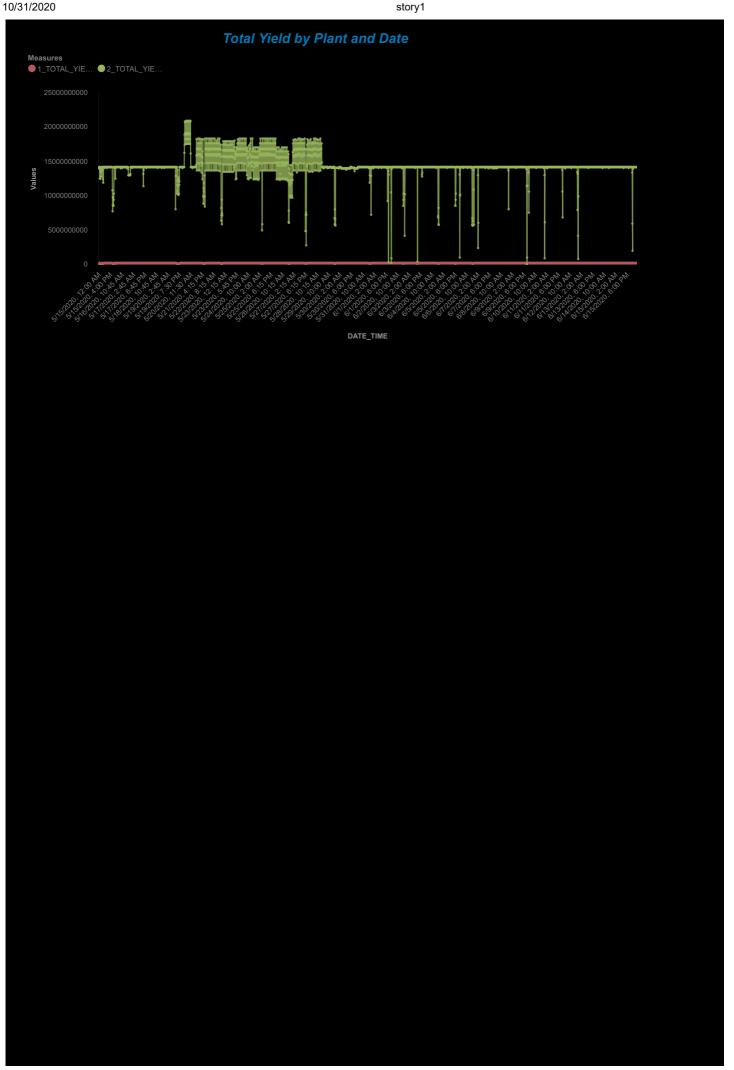
Understanding differences between two plants of Solar **Power Generation**







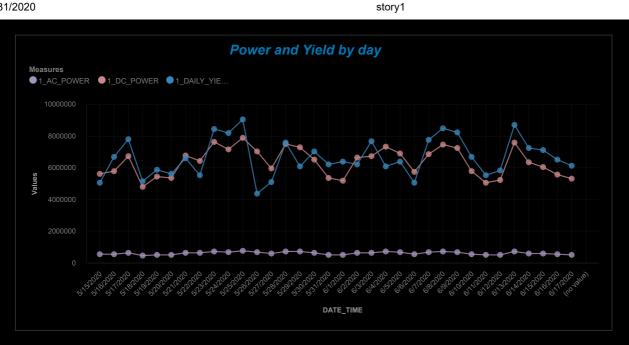
Insights???



Observed??

We see the distinct peaks in power output and temperature.

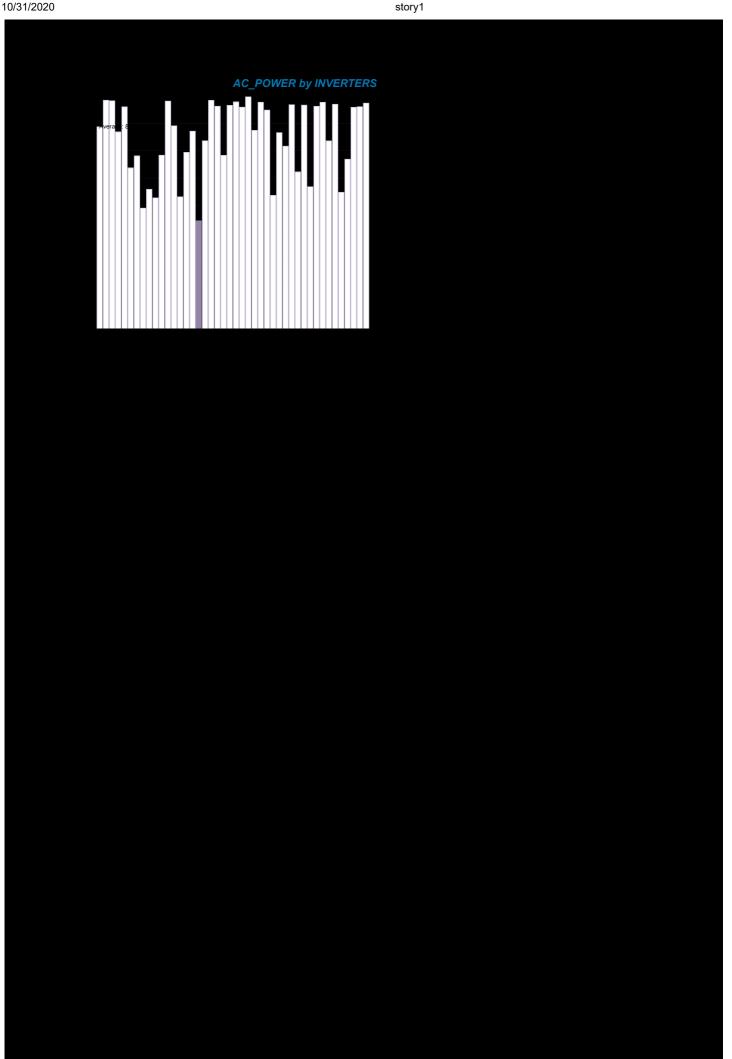
We can also see in the comparisons between plant 1 and plant 2, that for plant 1 TOTAL_YIELD is consistently > ~10^6 whilst for plant 2 TOTAL_YIELD varies dramatically with several interludes where it falls to zero and at other times in the 10⁶ - >10⁸ range.



Got that right or not?

story1

What About Inverters, what amount of AC Power they actually generate?!

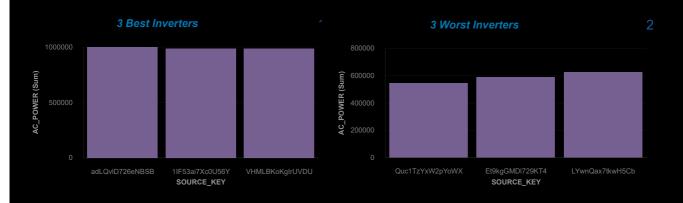


Is there any Inverter which is faulty or slow??

Which are the best Inverters to generate Solar Power?

Here we are!

story1



Filter(s) applied to the visualization(s) on the previous page:
Widget 1
AC_POWER Top 3
Widget 2
AC_POWER Bottom 3

Take actions based on insights and then Enjoy! 10/31/2020 story1

