

```
In [5]: import numpy as np
import pandas as pd
import plotly.express as px
import plotly.graph_objects as go
import seaborn as sns
import matplotlib.pyplot as plt

In [6]: df=pd.read_csv("BigML_Dataset_5f50aacc0d052e40e6000034.csv")

In [7]: df
```

	Day of Year	Year	Month	Day	First Hour of Period	Is Daylight	Distance to Solar Noon	Average Temperature (Day)	Average Wind Direction (Day)	Average Wind Speed (Day)	Sky Cover	Visibility	Relative Humidity	Average Wind Speed (Period)	Average Barometric Pressure (Period)	Power Generated
0	245	2008	9	1	1	False	0.859897	69	28	7.5	0	10.0	75	8.0	29.82	0
1	245	2008	9	1	4	False	0.628535	69	28	7.5	0	10.0	77	5.0	29.85	0
2	245	2008	9	1	7	True	0.397172	69	28	7.5	0	10.0	70	0.0	29.89	5418
3	245	2008	9	1	10	True	0.165810	69	28	7.5	0	10.0	33	0.0	29.91	25477
4	245	2008	9	1	13	True	0.065553	69	28	7.5	0	10.0	21	3.0	29.89	30069
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2915	243	2009	8	31	10	True	0.166453	63	27	13.9	4	10.0	75	10.0	29.93	6995
2916	243	2009	8	31	13	True	0.064020	63	27	13.9	1	10.0	66	15.0	29.91	29490
2917	243	2009	8	31	16	True	0.294494	63	27	13.9	2	10.0	68	21.0	29.88	17257
2918	243	2009	8	31	19	True	0.524968	63	27	13.9	2	10.0	81	17.0	29.87	677
2919	243	2009	8	31	22	False	0.755442	63	27	13.9	1	10.0	81	11.0	29.90	0

2920 rows × 16 columns

for showing 5 up data and same as ending 5 data

	Day of Year	Year	Month	Day	First Hour of Period	Is Daylight	Distance to Solar Noon	Average Temperature (Day)	Average Wind Direction (Day)	Average Wind Speed (Day)	Sky Cover	Visibility	Relative Humidity	Average Wind Speed (Period)	Average Barometric Pressure (Period)	Power Generated
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show all column name

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## syntax for null values

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```
In [11]: df.isnull().sum()
```

	Day of Year	Year	Month	Day	First Hour of Period	Is Daylight	Distance to Solar Noon	Average Temperature (Day)	Average Wind Direction (Day)	Average Wind Speed (Day)	Sky Cover	Visibility	Relative Humidity	Average Wind Speed (Period)	Average Barometric Pressure (Period)	Power Generated
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