In [2]:
```
import numpy as np
import pandas as pd
```

In [3]:
```
import matplotlib.pyplot as plt
import seaborn as sns

%matplotlib inline
```

In [4]:
```
data1 = pd.read_csv("temp_change.csv")
```

In [5]:
```
data1
```

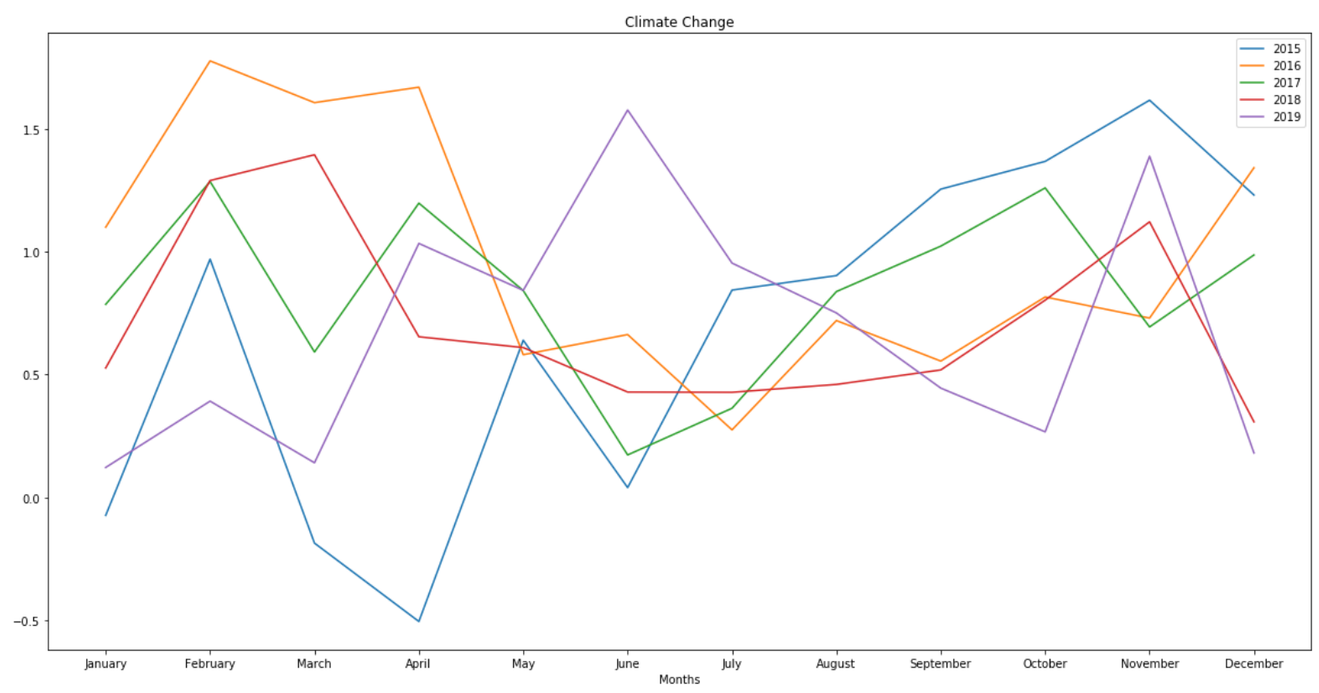
Out[5]:

	Area	Months	Y2015	Y2016	Y2017	Y2018	Y2019
0	India	January	-0.073	1.100	0.786	0.527	0.122
1	India	February	0.970	1.777	1.286	1.290	0.392
2	India	March	-0.186	1.607	0.592	1.395	0.141
3	India	April	-0.505	1.670	1.198	0.654	1.034
4	India	May	0.640	0.581	0.842	0.610	0.843
5	India	June	0.040	0.663	0.173	0.429	1.577
6	India	July	0.844	0.275	0.363	0.428	0.954
7	India	August	0.903	0.720	0.838	0.460	0.751
8	India	September	1.255	0.555	1.023	0.519	0.445
9	India	October	1.368	0.816	1.260	0.803	0.267
10	India	November	1.617	0.730	0.694	1.122	1.389
11	India	December	1.231	1.342	0.987	0.308	0.181

In [6]:
```
x=data1["Months"]
y1=data1["Y2015"]
y2=data1["Y2016"]
y3=data1["Y2017"]
y4=data1["Y2018"]
y5=data1["Y2019"]
```

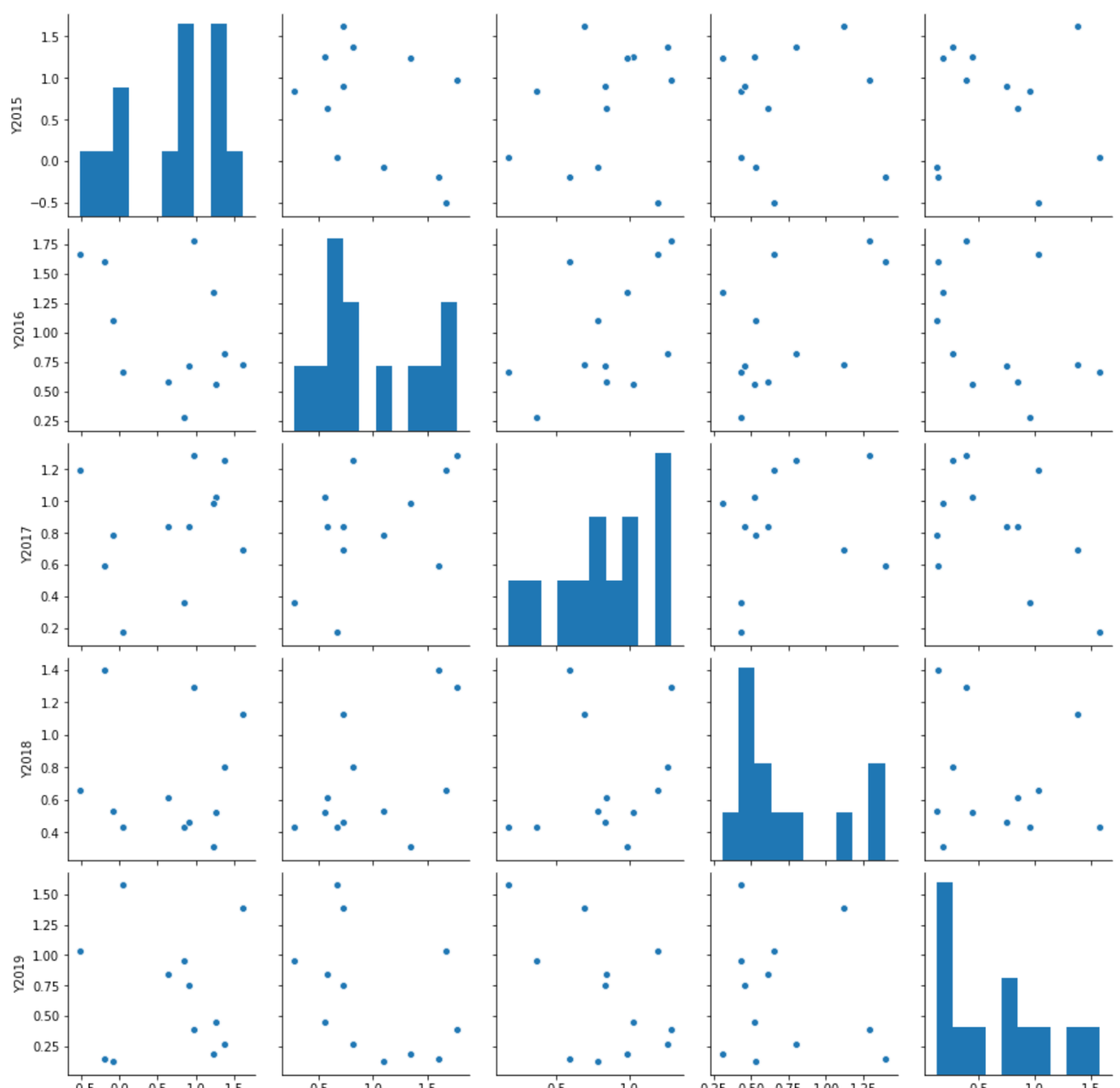
In [8]:
```
f = plt.figure()
f.set_figwidth(20)
f.set_figheight(10)
plt.plot(x,y1,label="2015")
plt.plot(x,y2,label="2016")
plt.plot(x,y3,label="2017")
plt.plot(x,y4,label="2018")
plt.plot(x,y5,label = "2019")
plt.legend()
plt.xlabel("Months")
plt.title("Climate Change")
```

Out[8]: Text(0.5, 1.0, 'Climate Change')



In [12]:
```
sns.pairplot(data1)
```

Out[12]: <seaborn.axisgrid.PairGrid at 0x188ee4d4d48>



In [ ]:
```

```