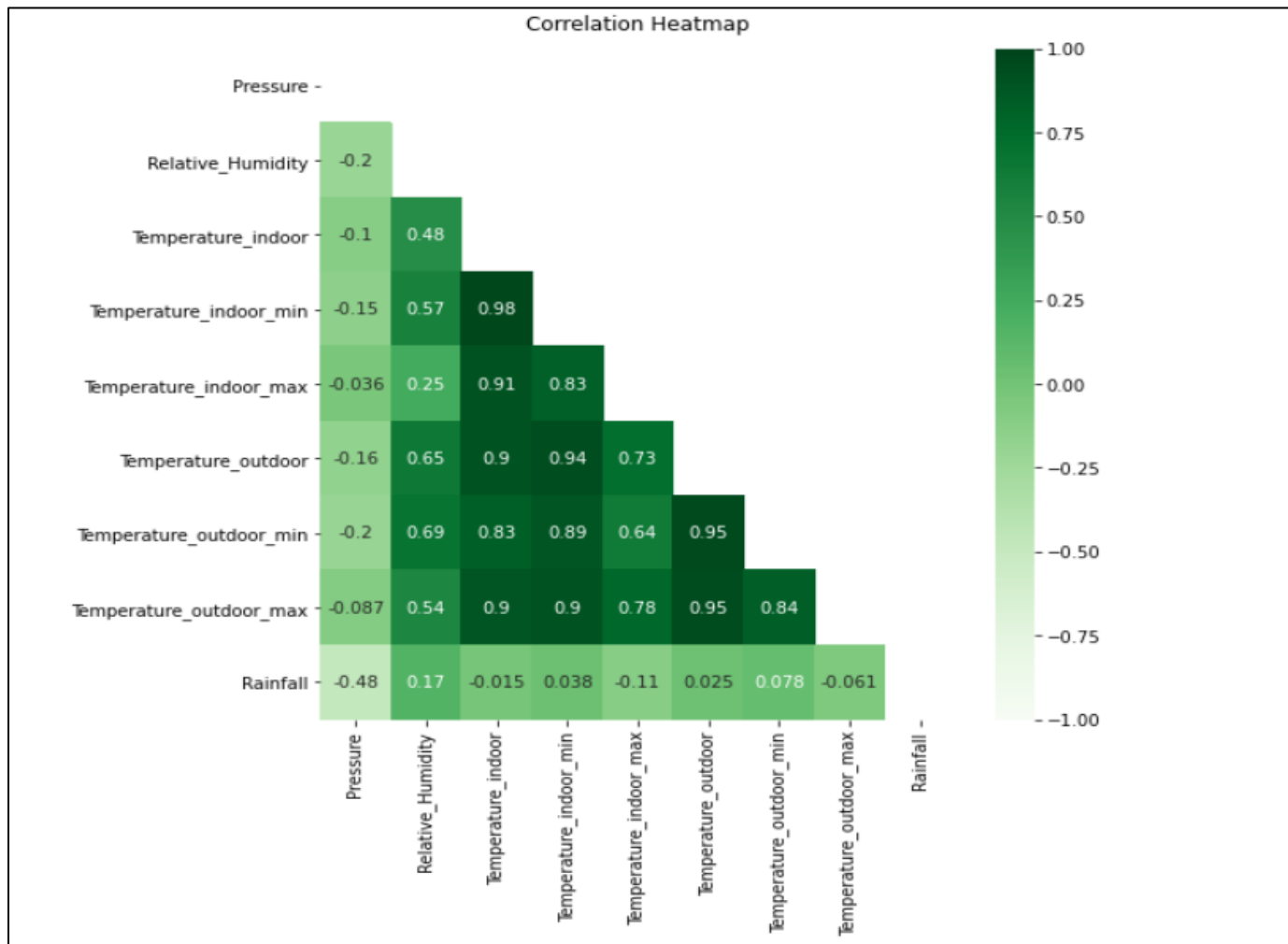


## The set of graphs and results requested in task 1.

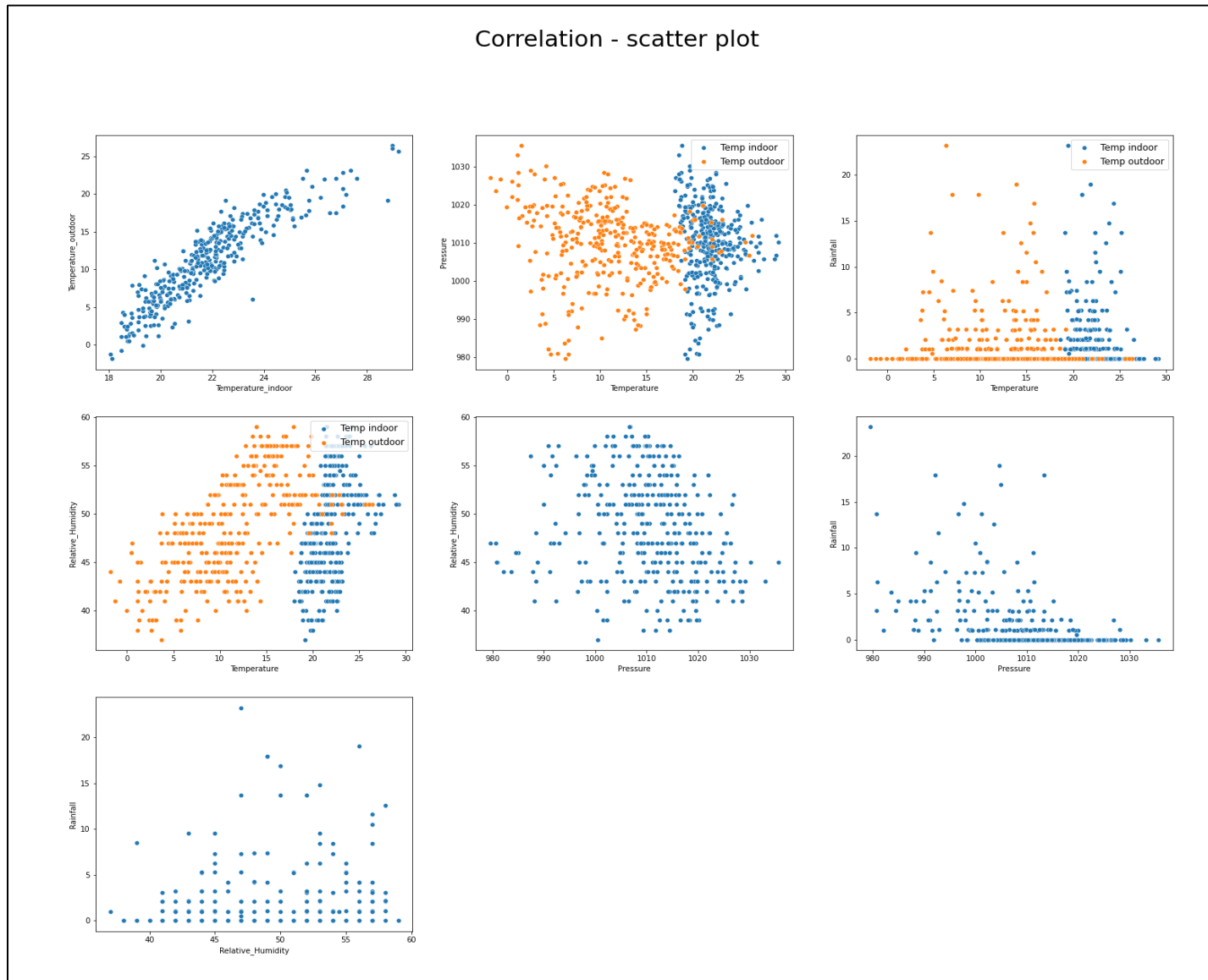
Statistic table for each component to show number of data, min, max, mean, standard deviation and percentile

	Pressure	Relative_Humidity	Temperature_indoor	Temperature_indoor_min	Temperature_indoor_max	Temperature_outdoor	Temperature_outdoor_min	Temperature_outdoor_max	Rainfall
<i>count</i>	355	354	354	354	354	355	355	355	353
<i>mean</i>	1010	48.52	21.83	20.56	23.53	11.14	7.87	15.52	1.55
<i>std</i>	9.87	5.19	2.06	2.41	1.7	5.36	4.88	7.03	3.32
<i>min</i>	979.6	37	18.04	14.9	19.7	-1.81	-4.1	1.5	0
<i>25%</i>	1004.85	44	20.34	18.73	22.5	7.39	4.35	10.25	0
<i>50%</i>	1010.5	48	21.71	20.6	23.2	10.96	8	15.1	0
<i>75%</i>	1016.05	52	22.71	21.9	24.1	15.05	12.05	19.85	1.1
<i>max</i>	1035.6	59	29.21	28.2	31.1	26.38	18.7	38.5	23.2

Heatmap to show a value of correlation between each component



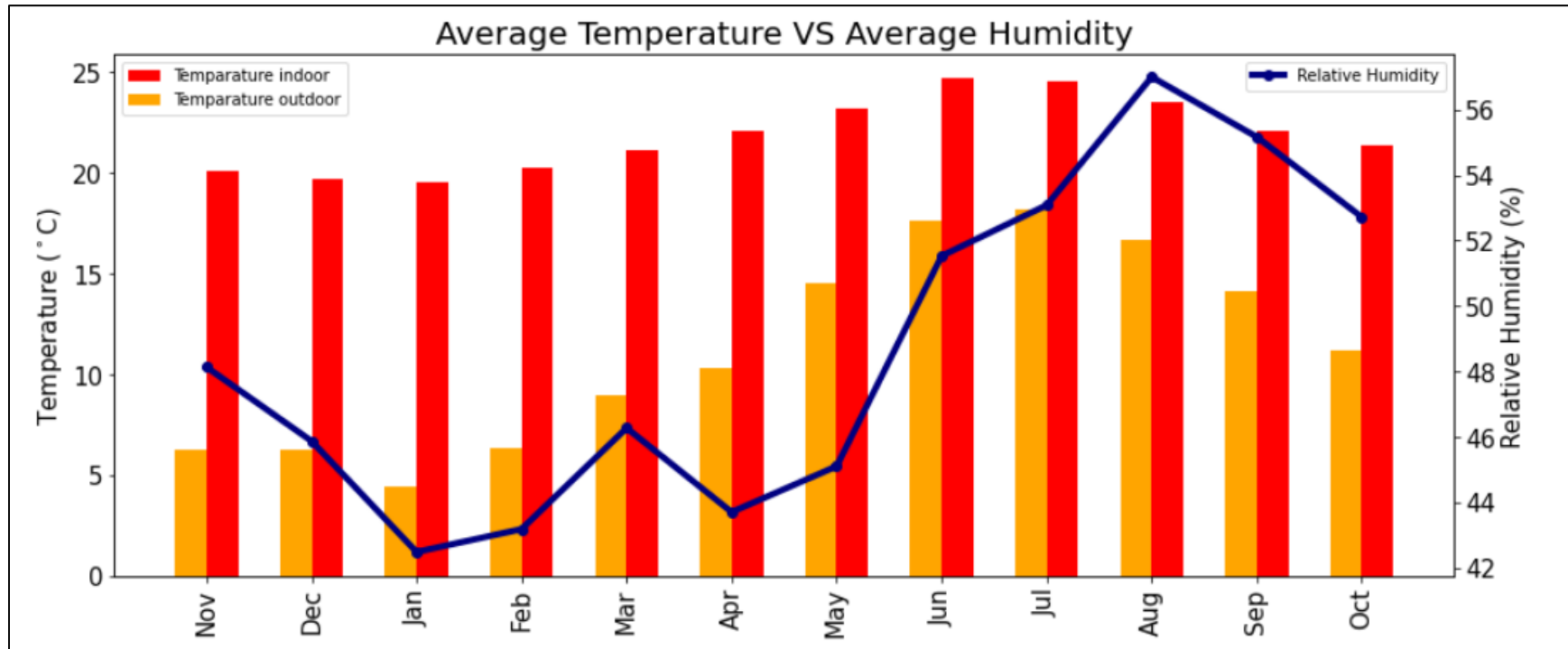
Scatter plot to show correlation and see the pattern between each component



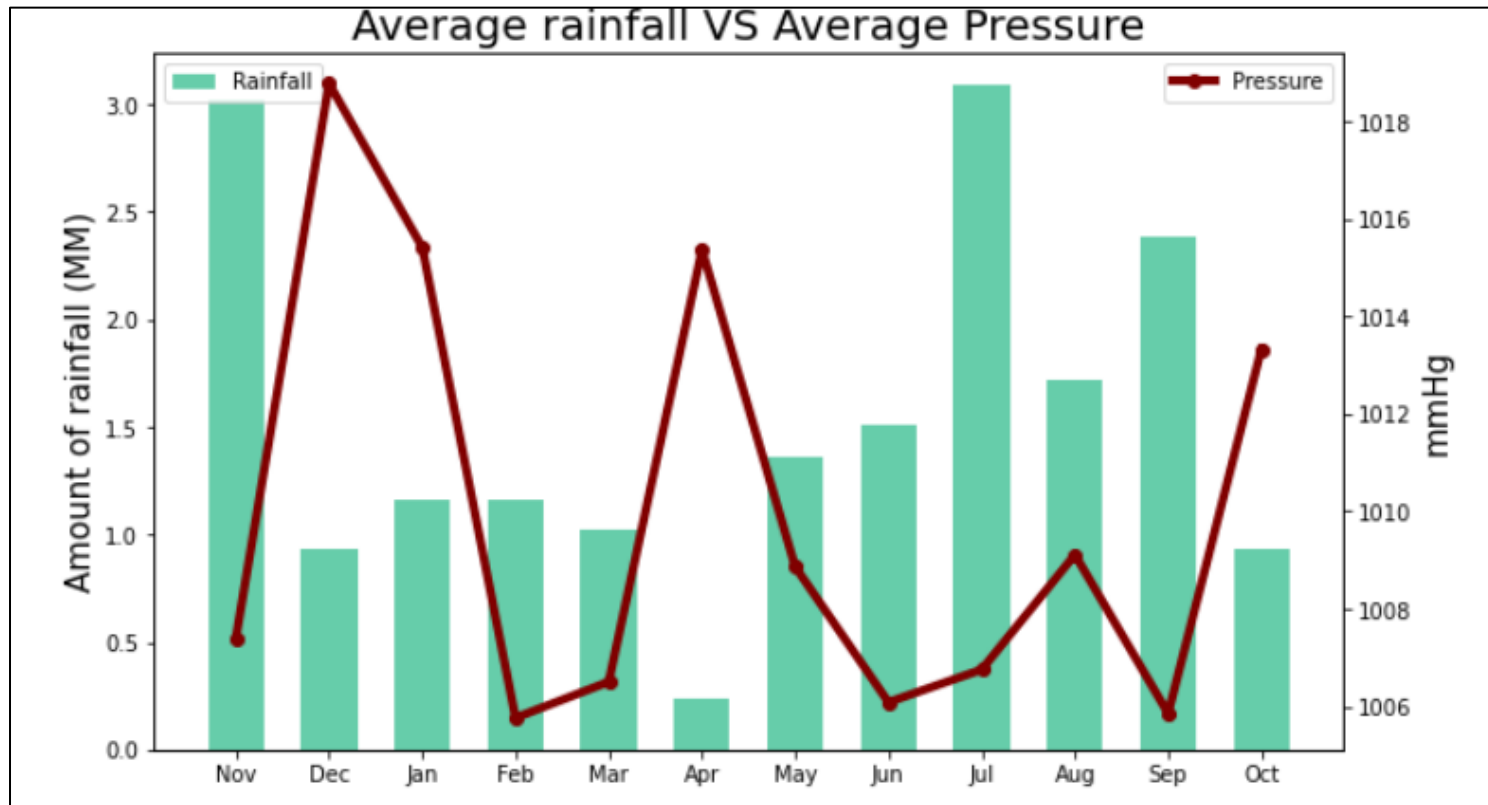
NaN value in the data

DateTime	Pressure	Relative_Humidity	Temperature_indoor	Temperature_indoor_min	Temperature_indoor_max	Temperature_outdoor	Temperature_outdoor_min	Temperature_outdoor_max	Rainfall
12/22/2016	1019.6	47	19.56	17.6	21.7	4.84	1.7	7.9	NaN
5/17/2017	1009.5	48	22.2	21.6	23	12.67	9.7	14.5	NaN
7/22/2017	999.4	NaN	NaN	NaN	NaN	14.36	10.6	18.5	1

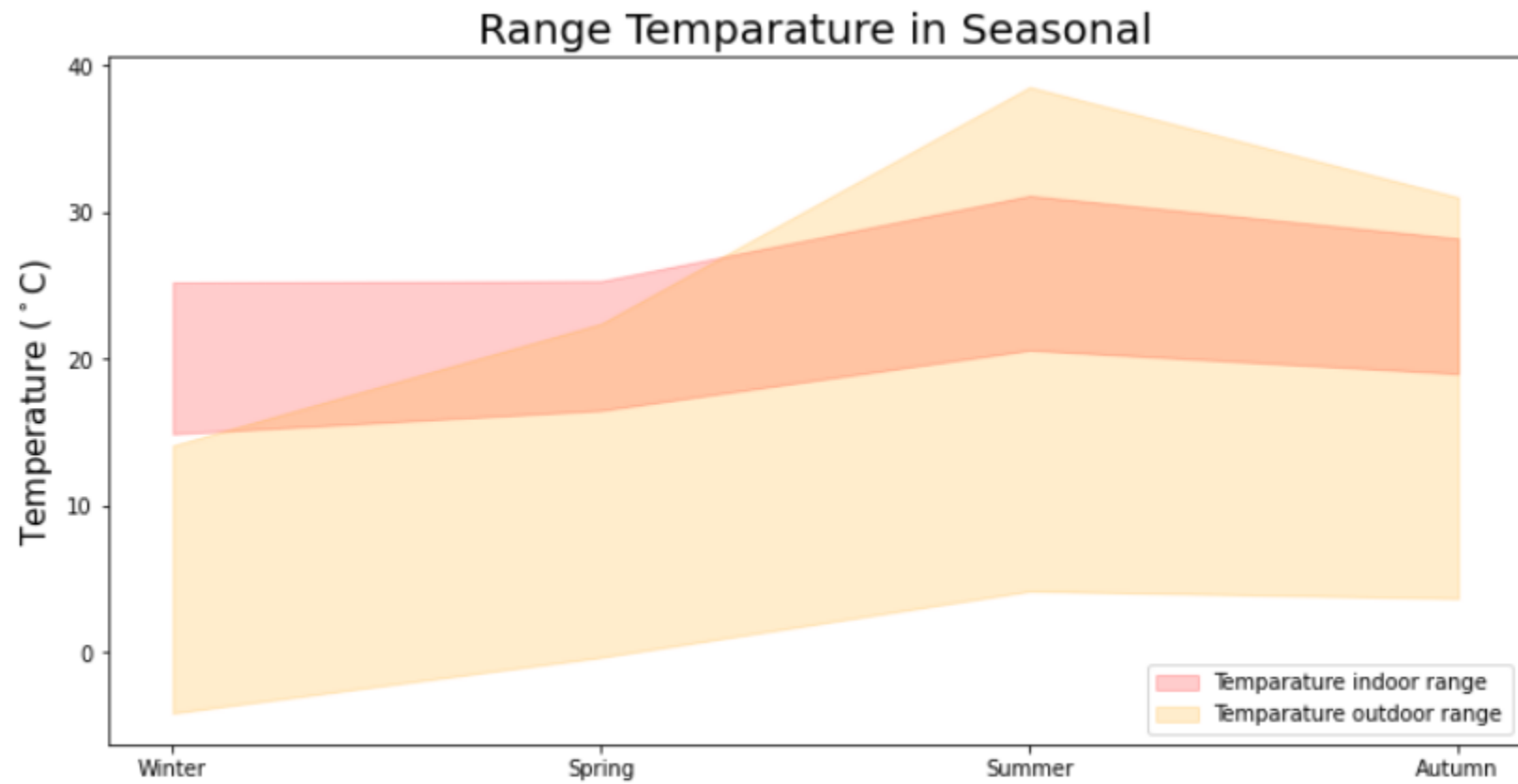
Compare between 2 variables by using Bar chart for Average temperature indoor and outdoor join with line chart for Average Humidity in each month



Compare between 2 variables by using Bar chart for Average rainfall join with line chart for Average barometric pressure in each month



Compare range of temperature between outdoor and indoor in each season



Using Pie chart to show percentage of average amount of rainfall in each season

