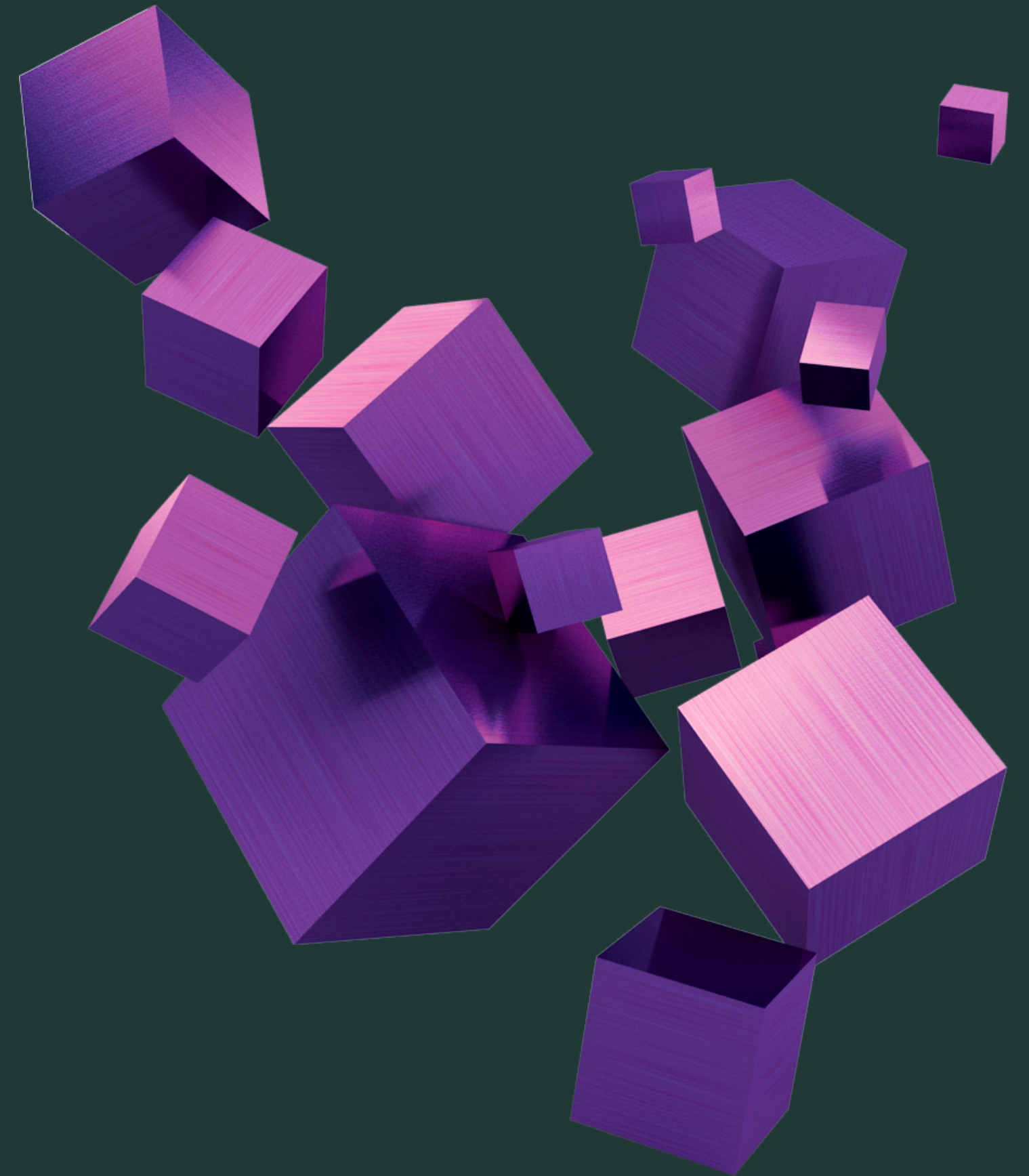


Workshop no.7

# CHATELET

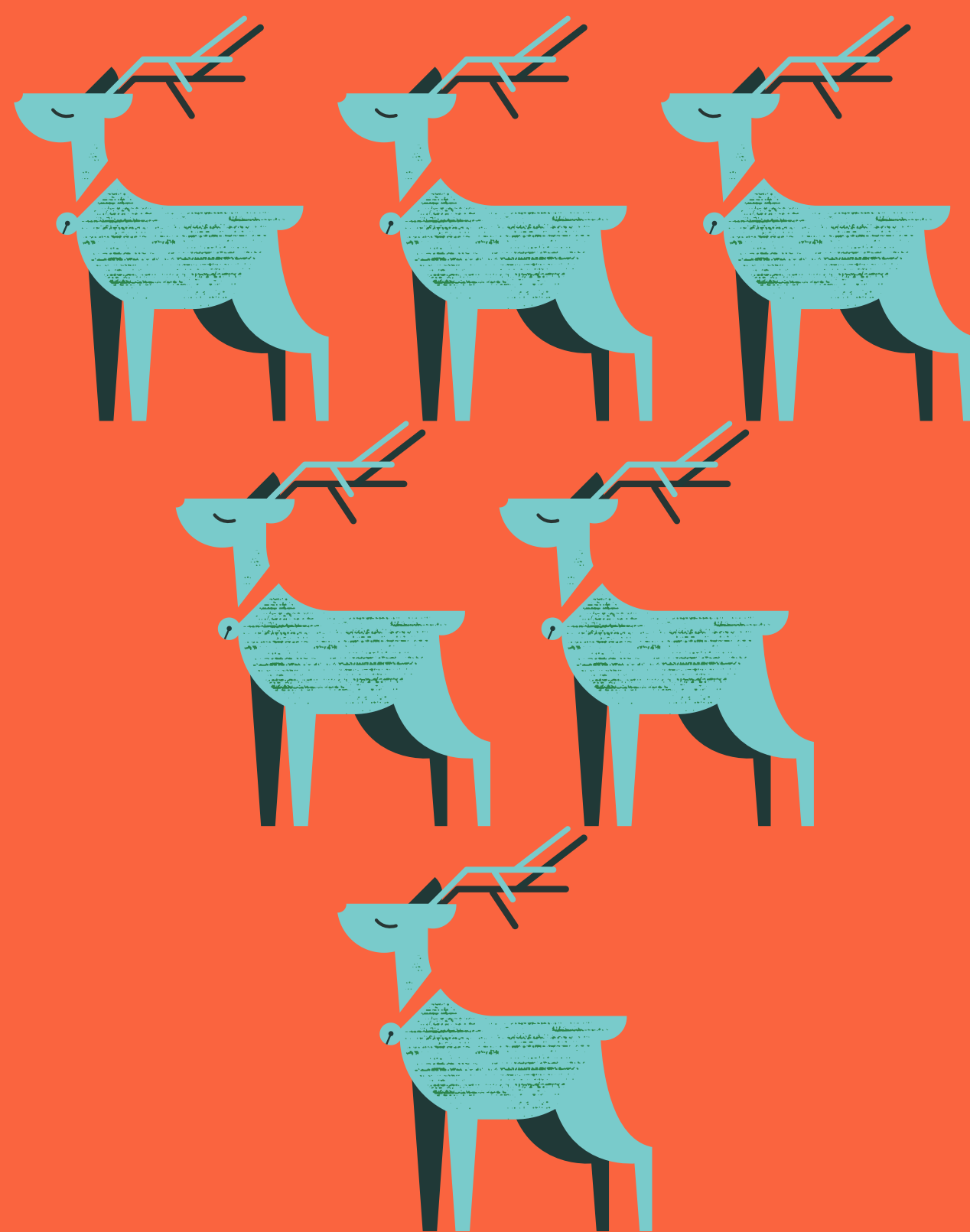
Andreea STROIA  
Hritika KATHURIA





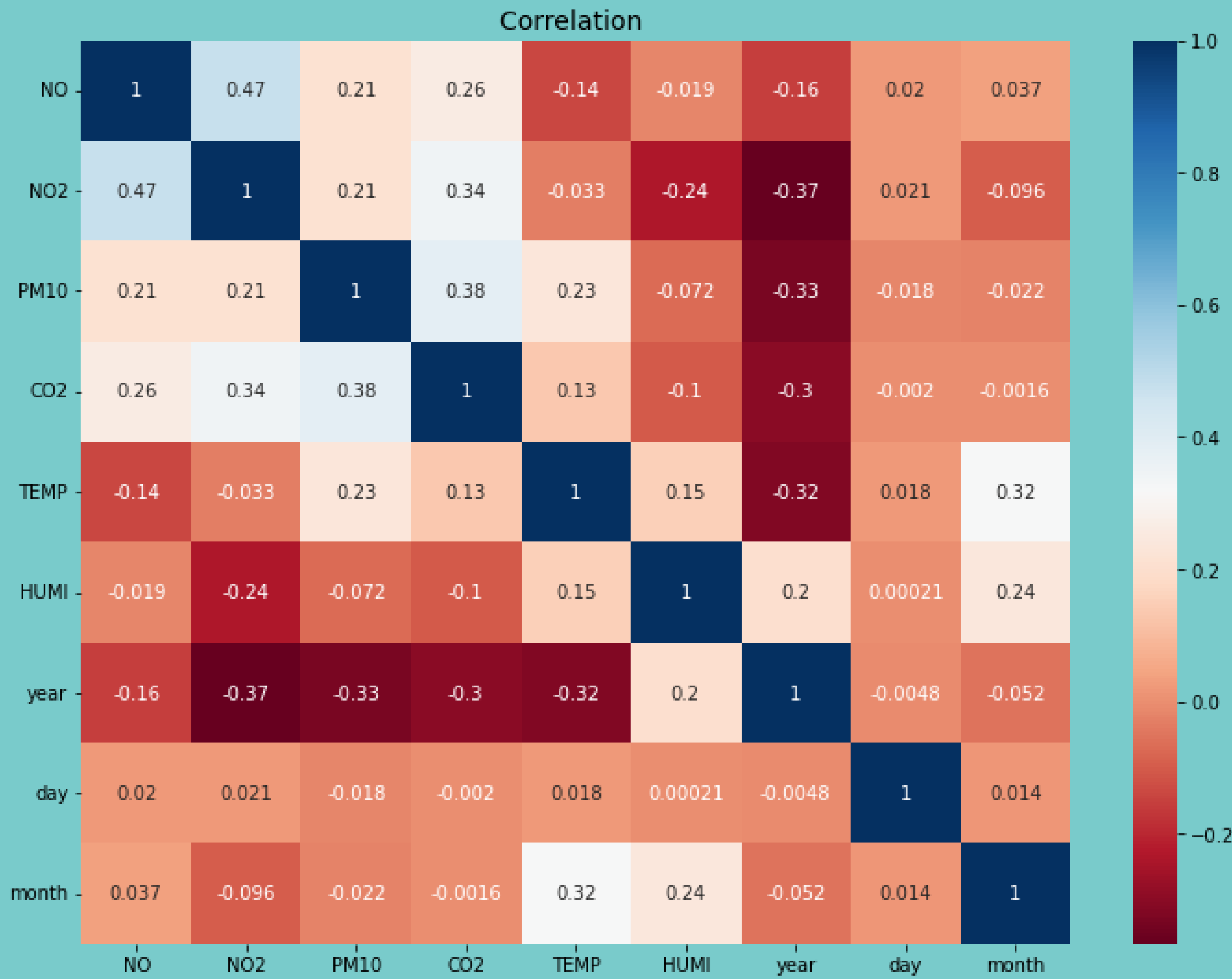
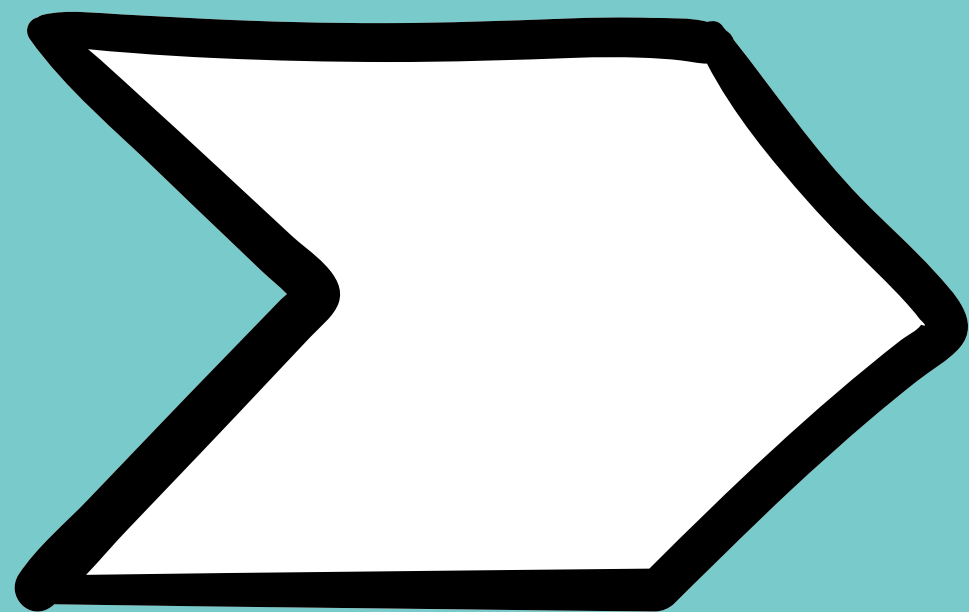
Overview

Clustering



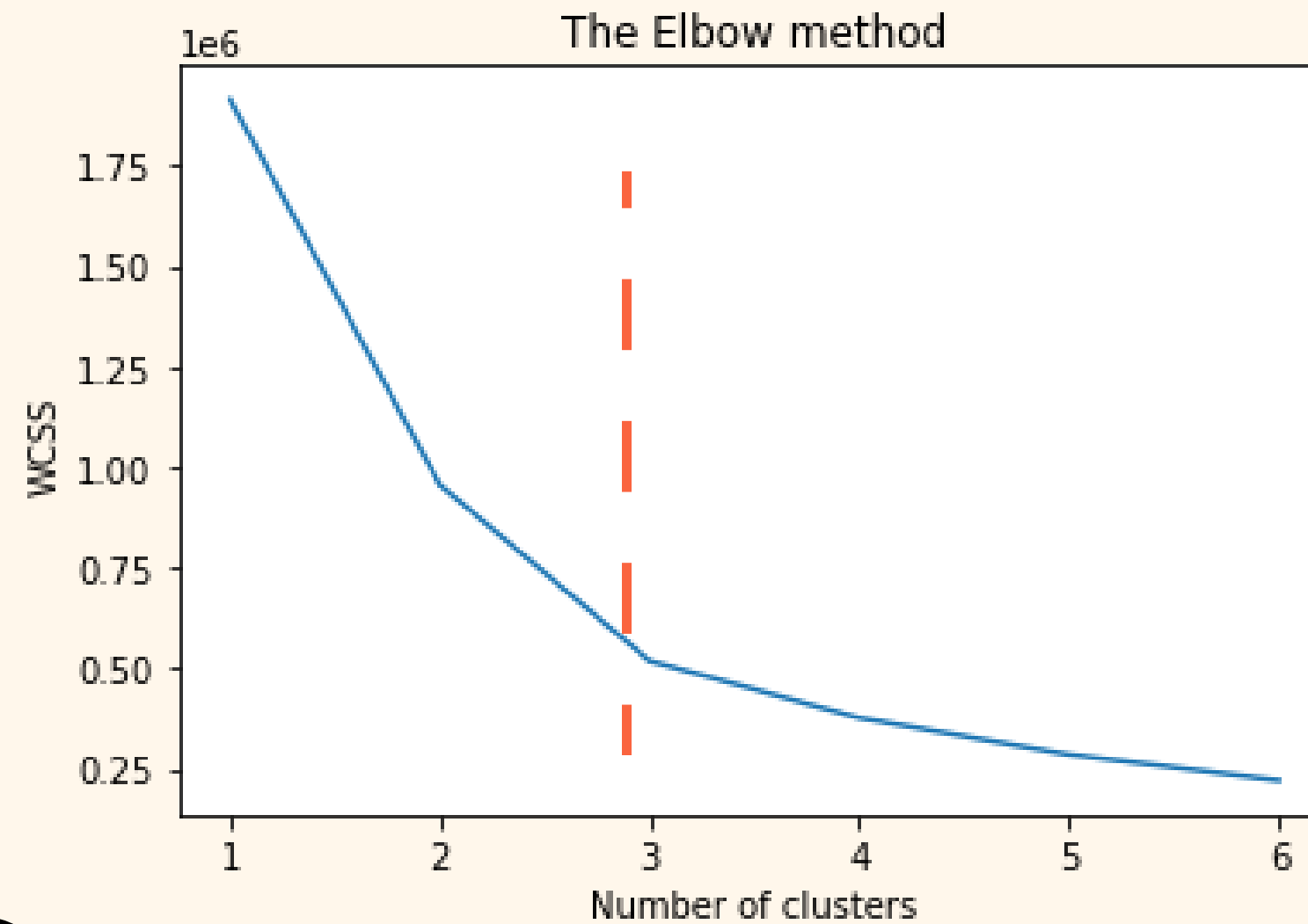
Creating clusters to find insight on the data

But first, let's see some correlations..



# K means

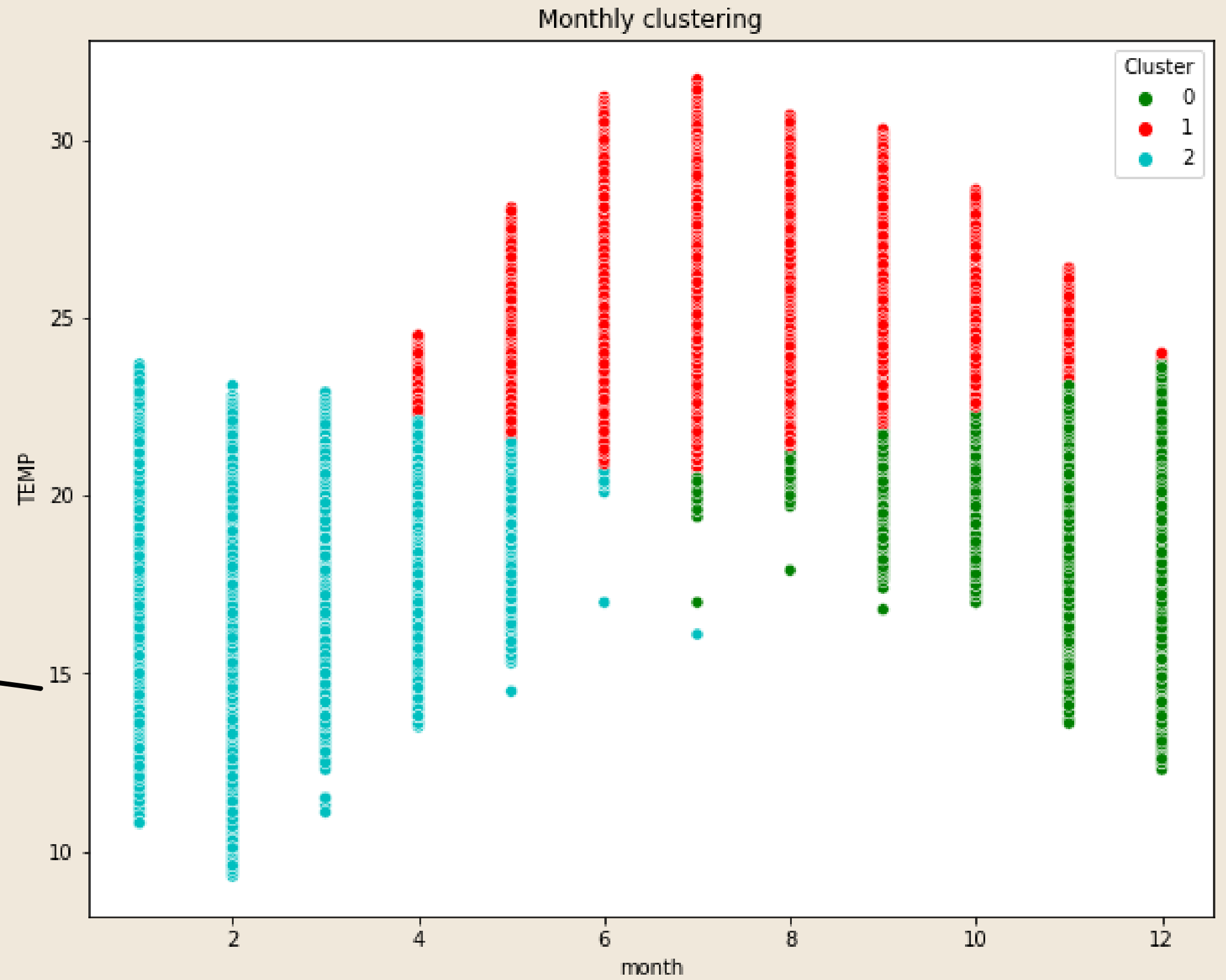
	month	TEMP
0	10	18.2
1	10	18.5
2	10	18.8
3	10	19.1
4	10	19.4
...	...	...
74945	1	21.2
74946	1	21.6
74947	1	21.8
74948	1	21.6
74949	1	21.5



3 clusters



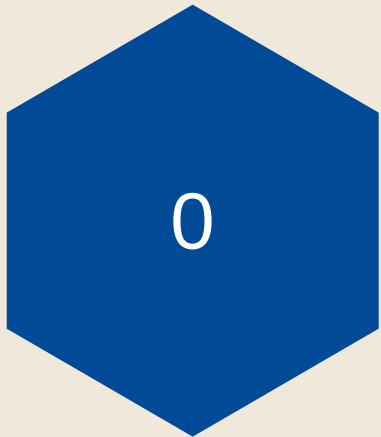
How do the  
cluster look?



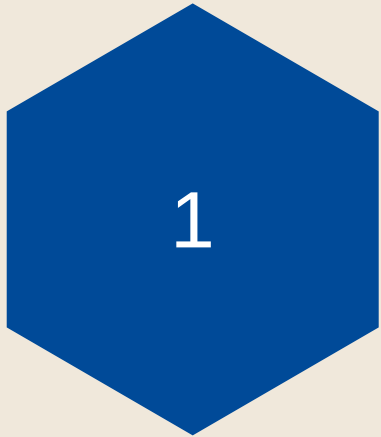
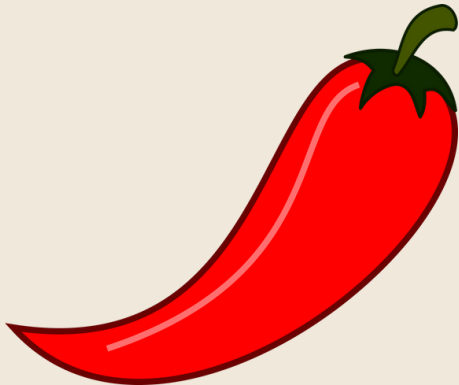
# Cluster interpretation

time of the year in clusters..

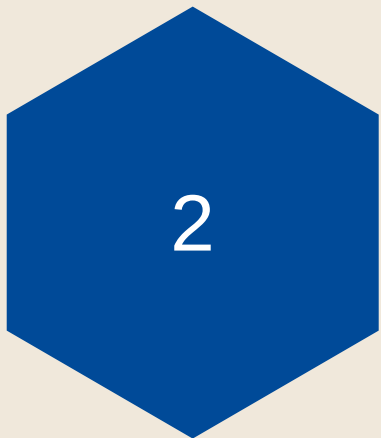
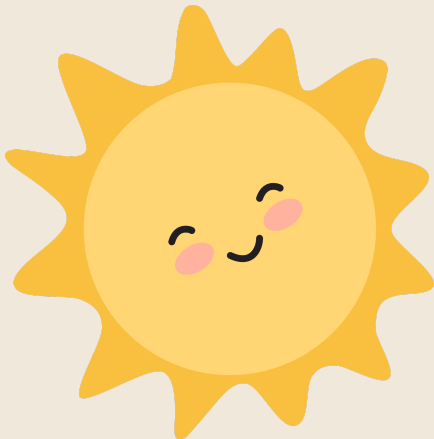
Cluster number	Medium temperature
0	19.23
1	24.65
2	18.31



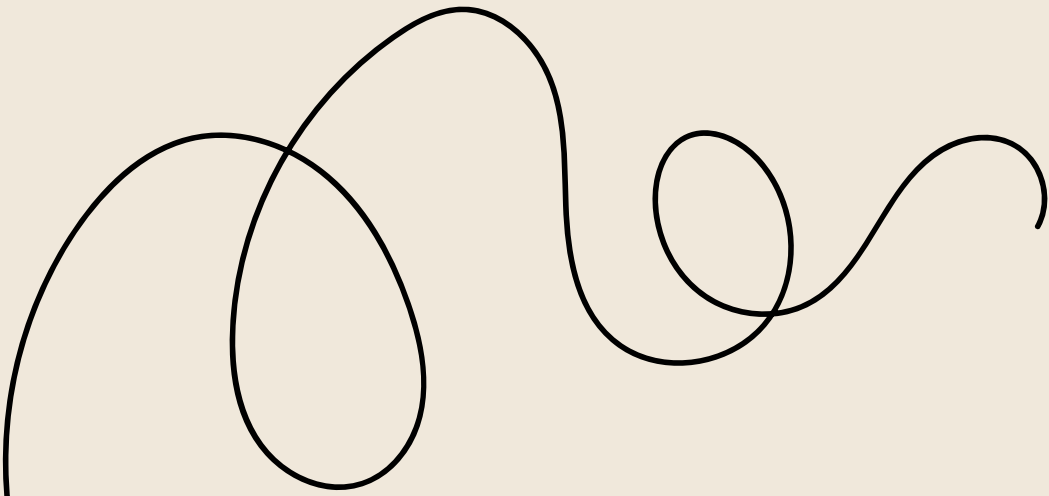
Chilly



Warm

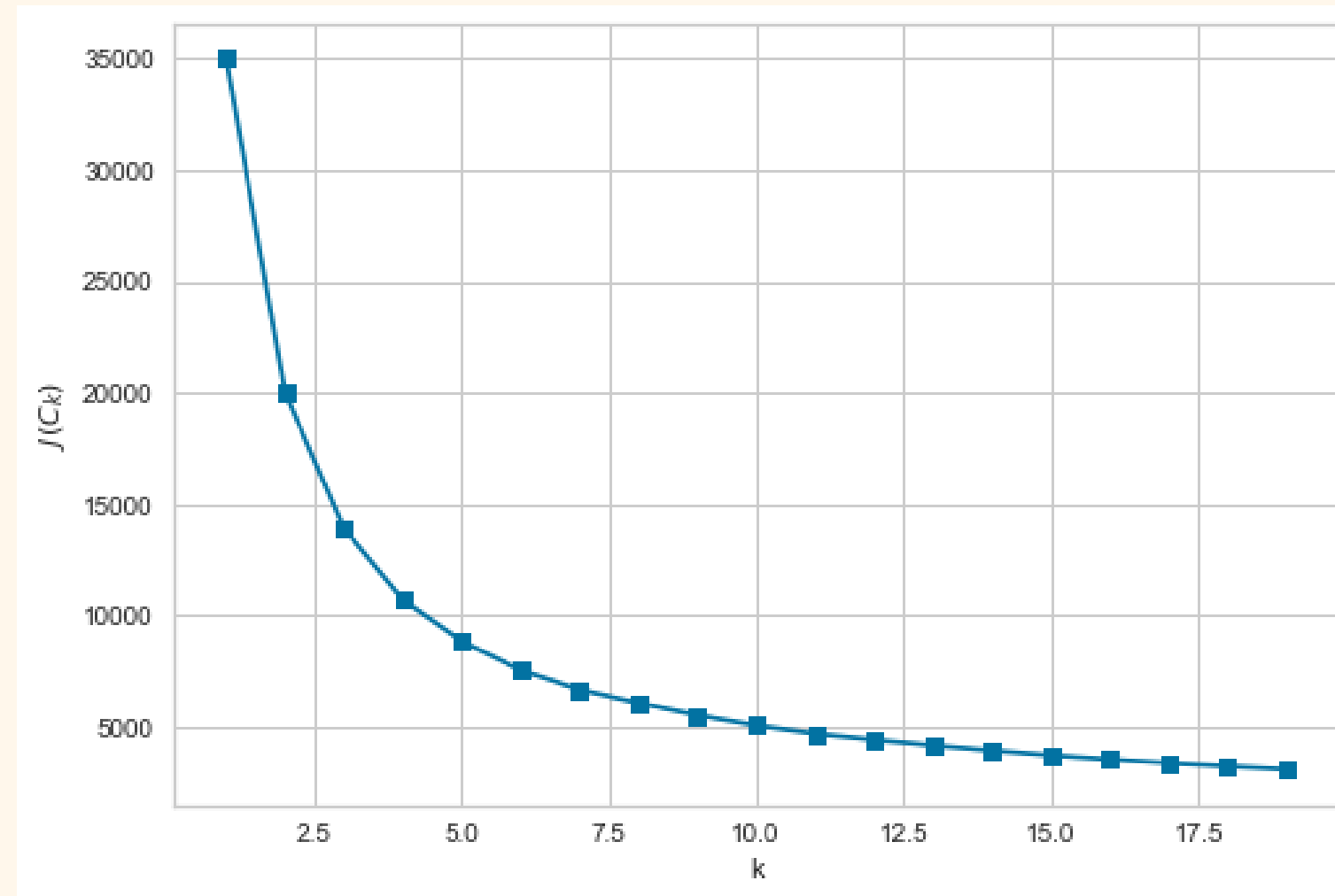


Cold



# K means

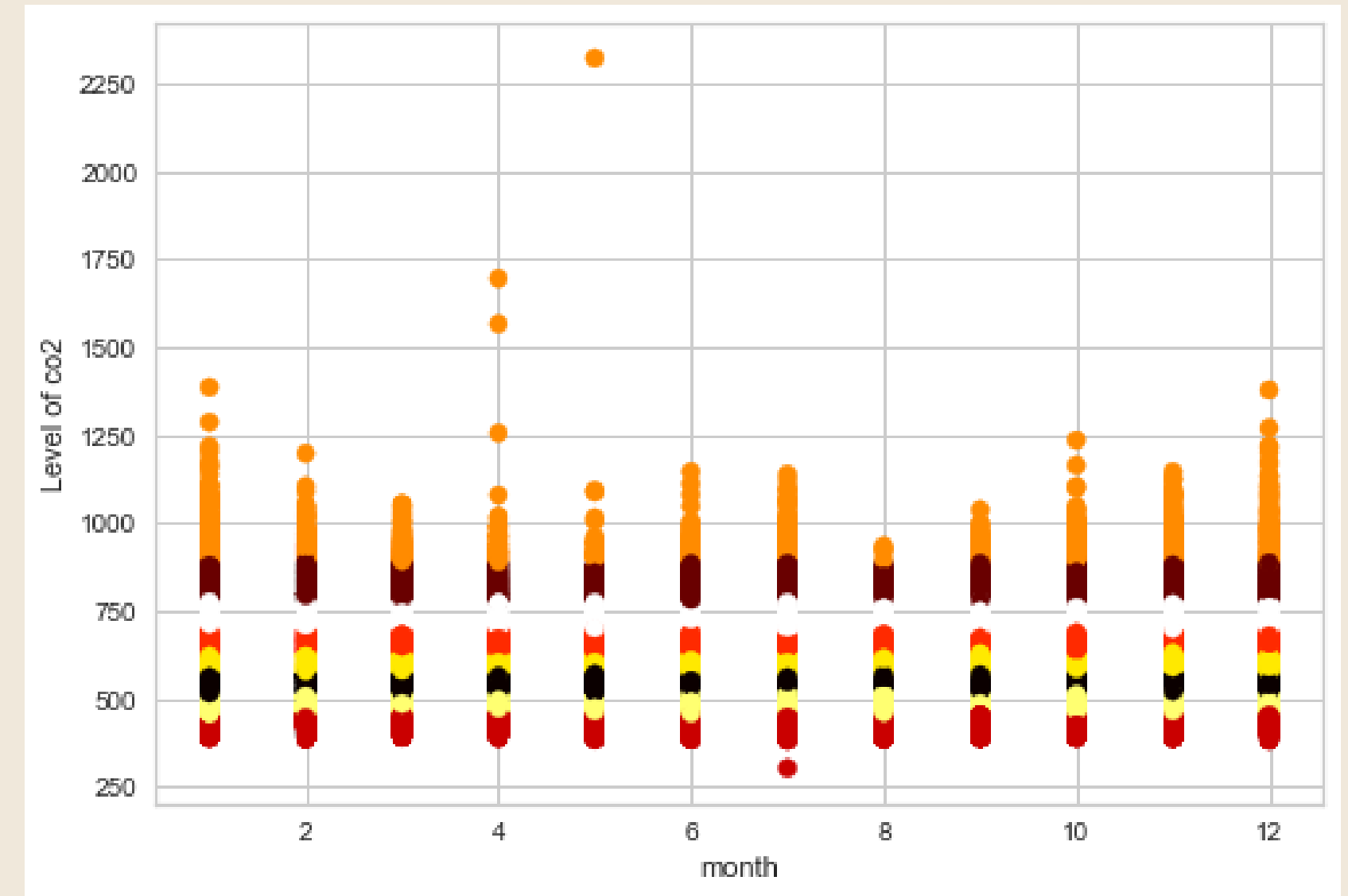
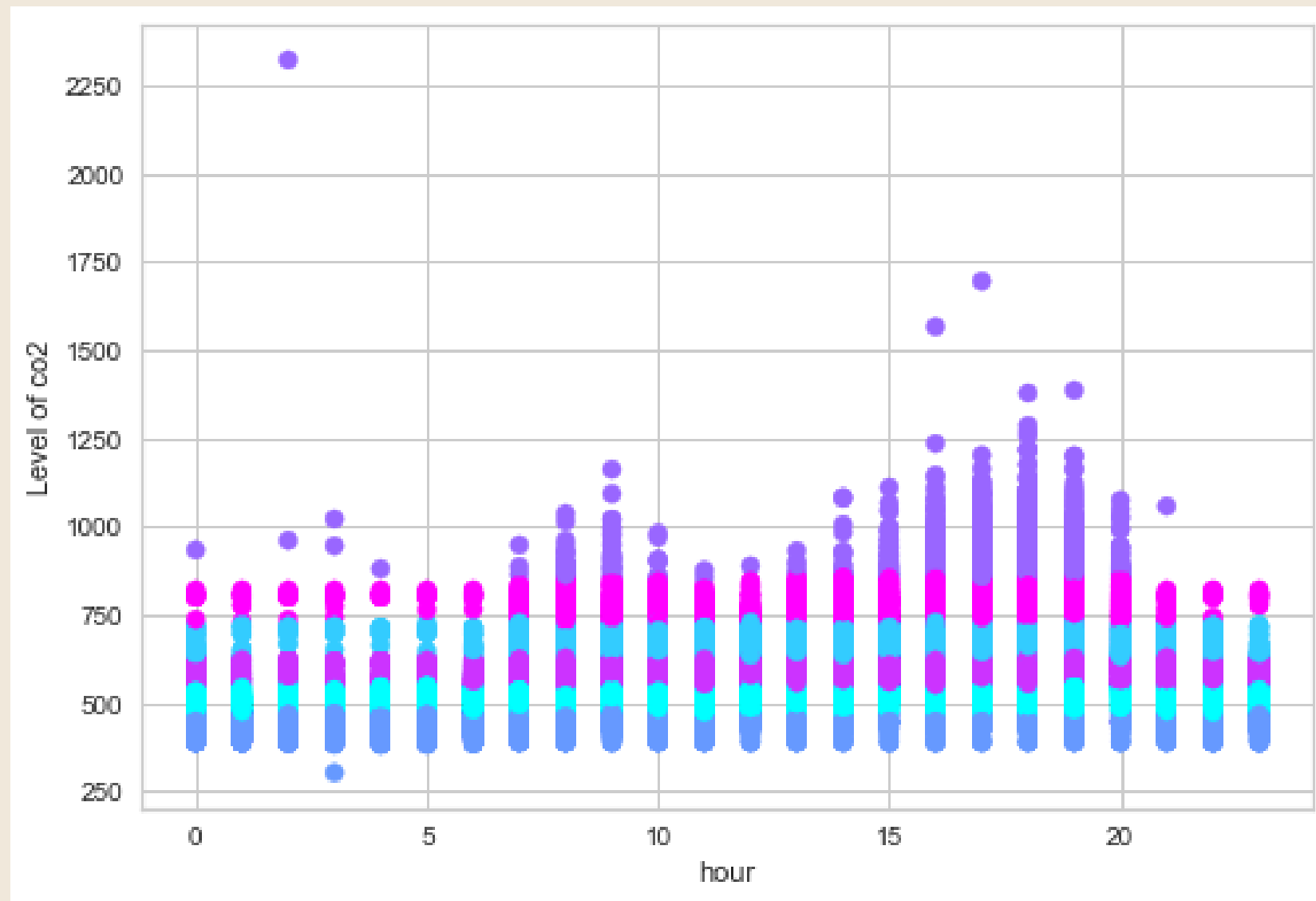
hour	6
month	8
day	7
weekday	7
year	7



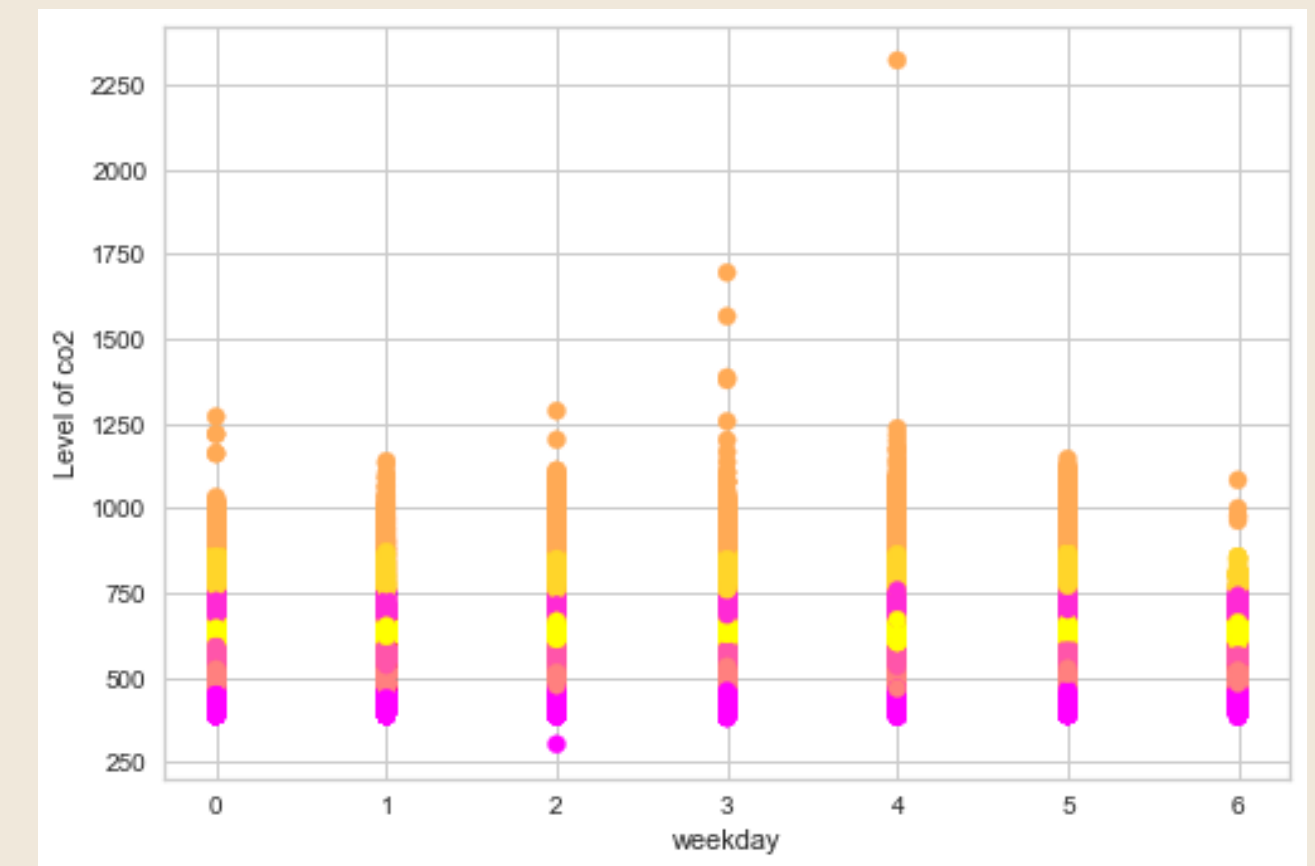
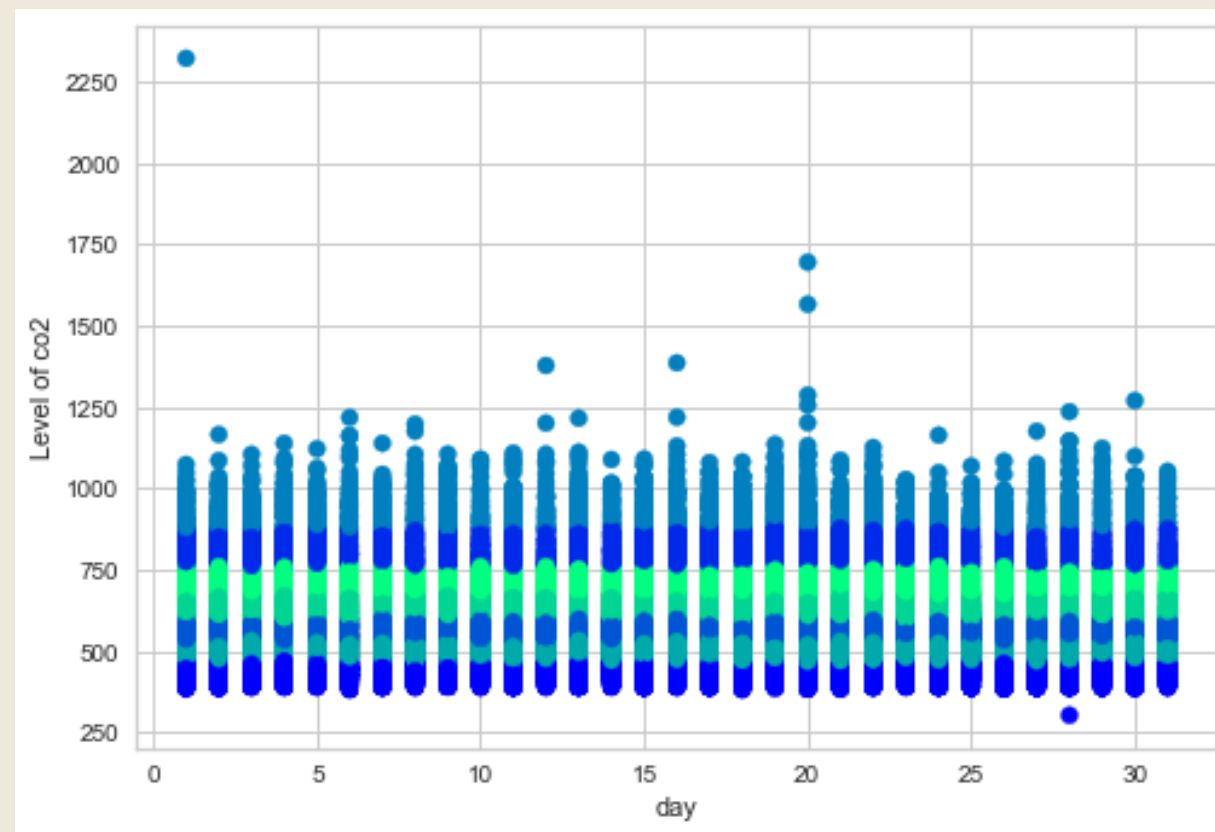
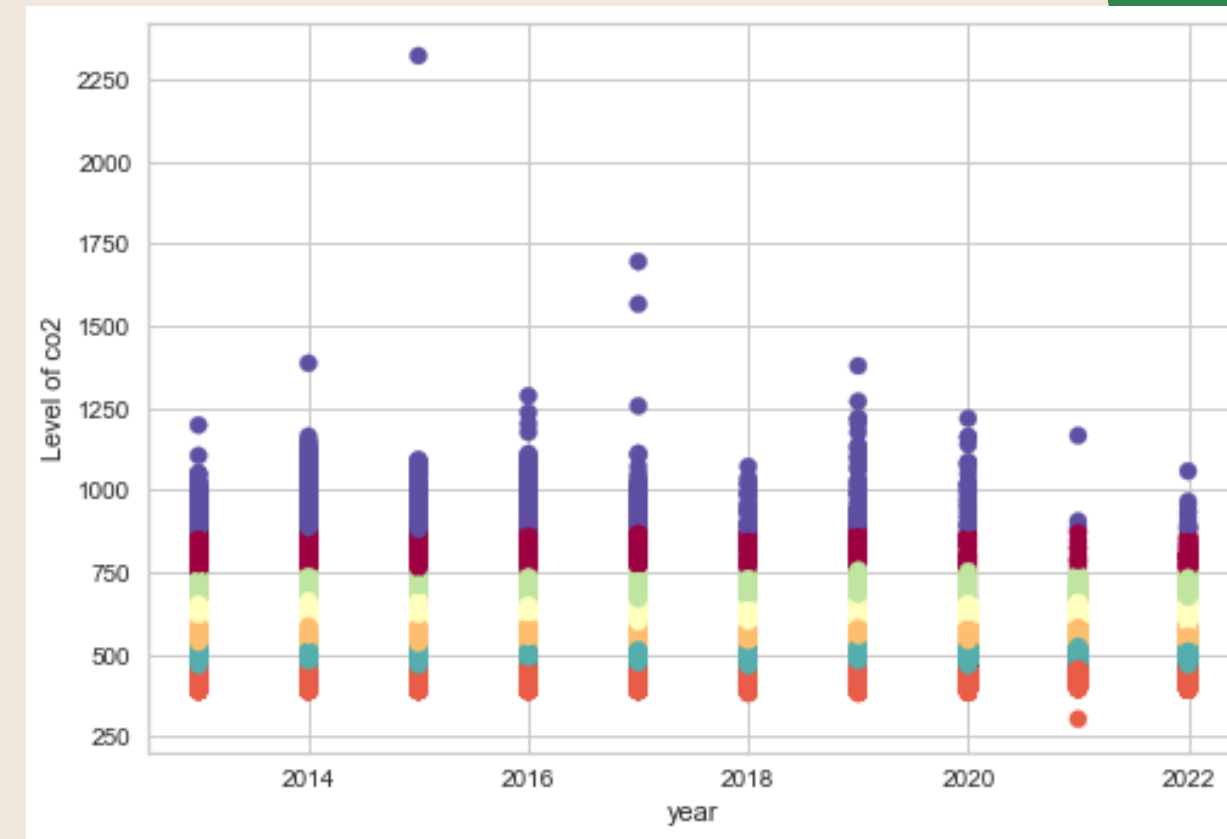
6 clusters



# How do the clusters look?



# How do the clusters look?





Thank you  
for your  
attention!



Hope you had fun!

