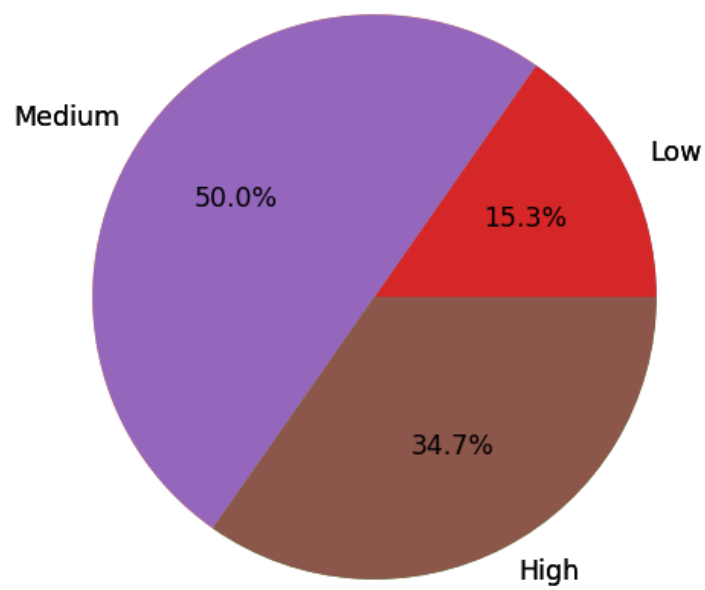


Exercise 1

1.	Year	Avg_Unemployment_Rate
1	1982	9.708333
2	2010	9.608333
3	1983	9.600000
4	2009	9.283333
5	2011	8.933333

2.

Unemployment_Status



Exercise 1

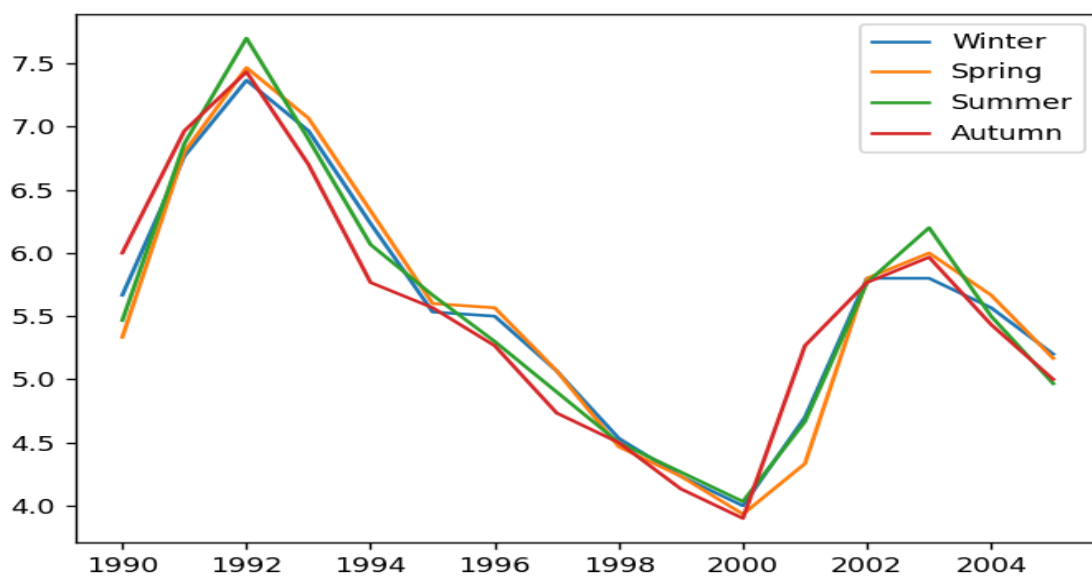
3.

	Year	Avg_Unemployment_Rate	Decade
0	1948	3.750000	1940s
1	1949	6.050000	1940s
2	1950	5.208333	1950s
3	1951	3.283333	1950s
4	1952	3.025000	1950s

67	2015	5.275000	2010s
68	2016	4.875000	2010s
69	2017	4.341667	2010s
70	2018	3.891667	2010s
71	2019	3.666667	2010s

[72 rows x 3 columns]

4.



Exercise 1

5.

Winter	Spring	Summer	Autumn	Winter_mean	Spring_mean
5.733333	5.866667	4.966667	4.266667	5.733333	5.866667
5.533333	5.233333	5.500000	5.900000	5.173333	5.153333
4.733333	4.600000	5.000000	5.600000	3.900000	3.840000
6.600000	6.900000	7.700000	7.500000	6.746667	6.706667
5.666667	5.333333	5.466667	6.000000	5.940000	5.920000
4.000000	3.933333	4.033333	3.900000	4.666667	4.653333

Summer_mean Autumn_mean

4.966667	4.266667
5.293333	5.386667
3.953333	4.040000
6.853333	6.766667
5.860000	5.913333
4.600000	4.506667