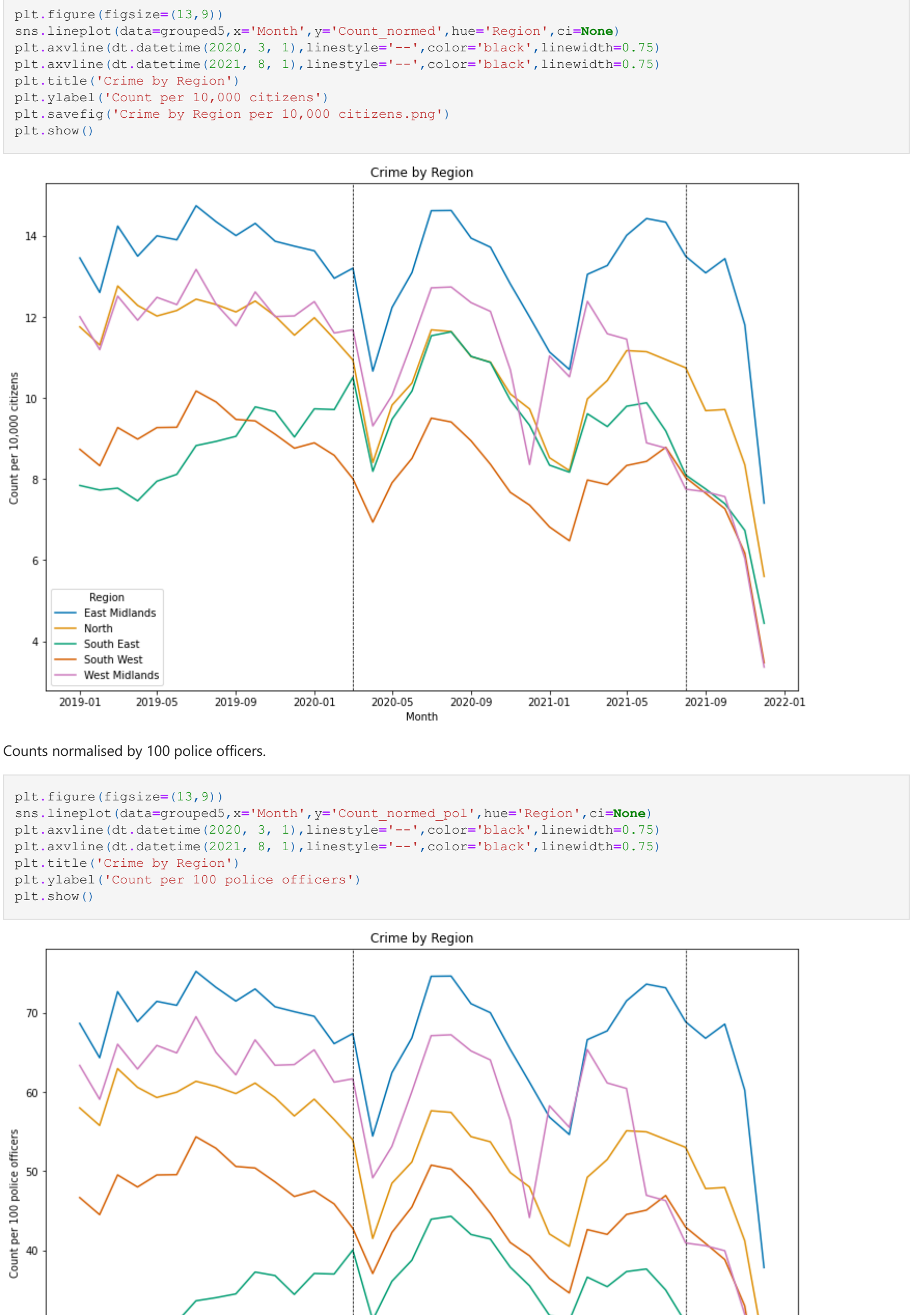
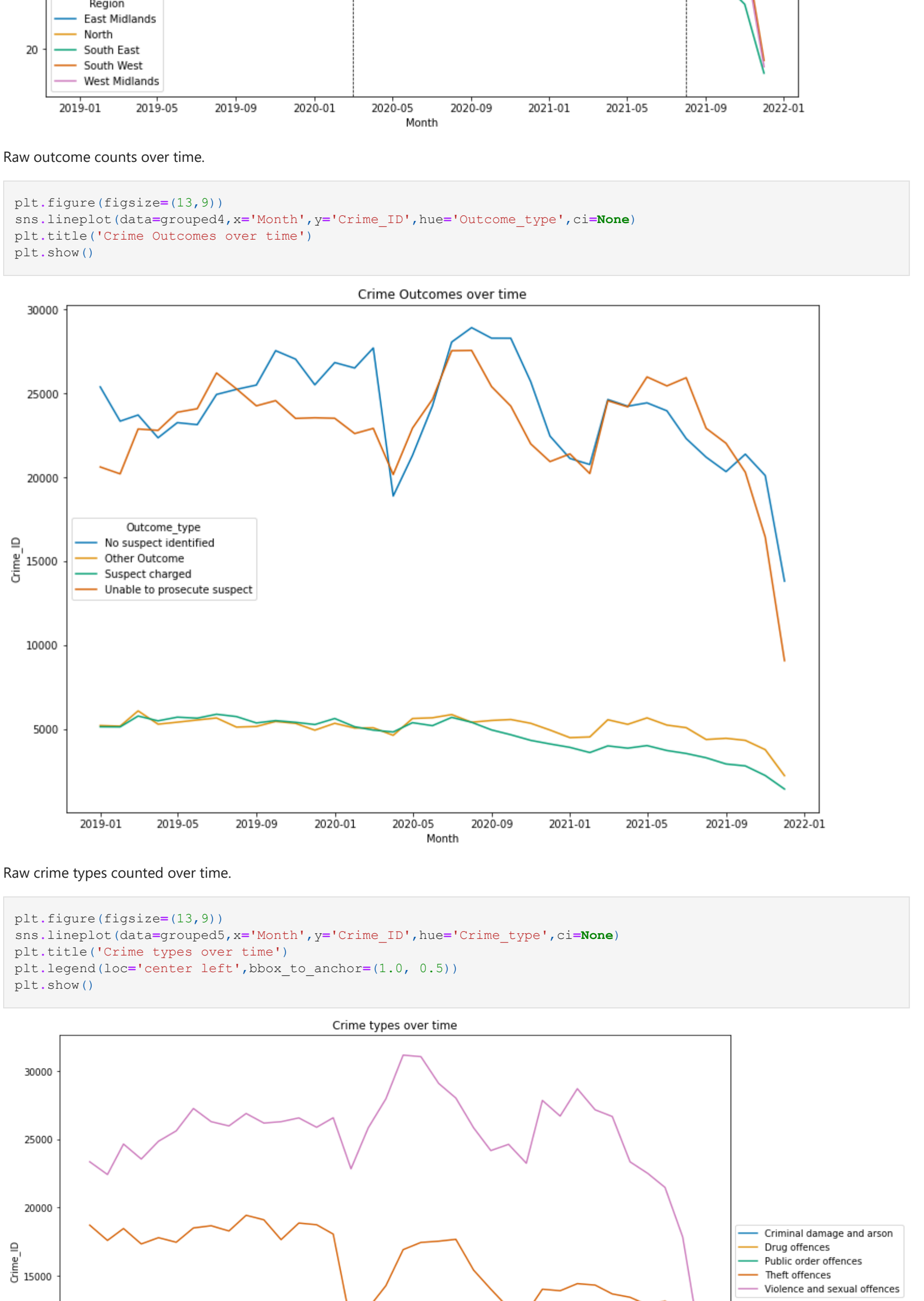


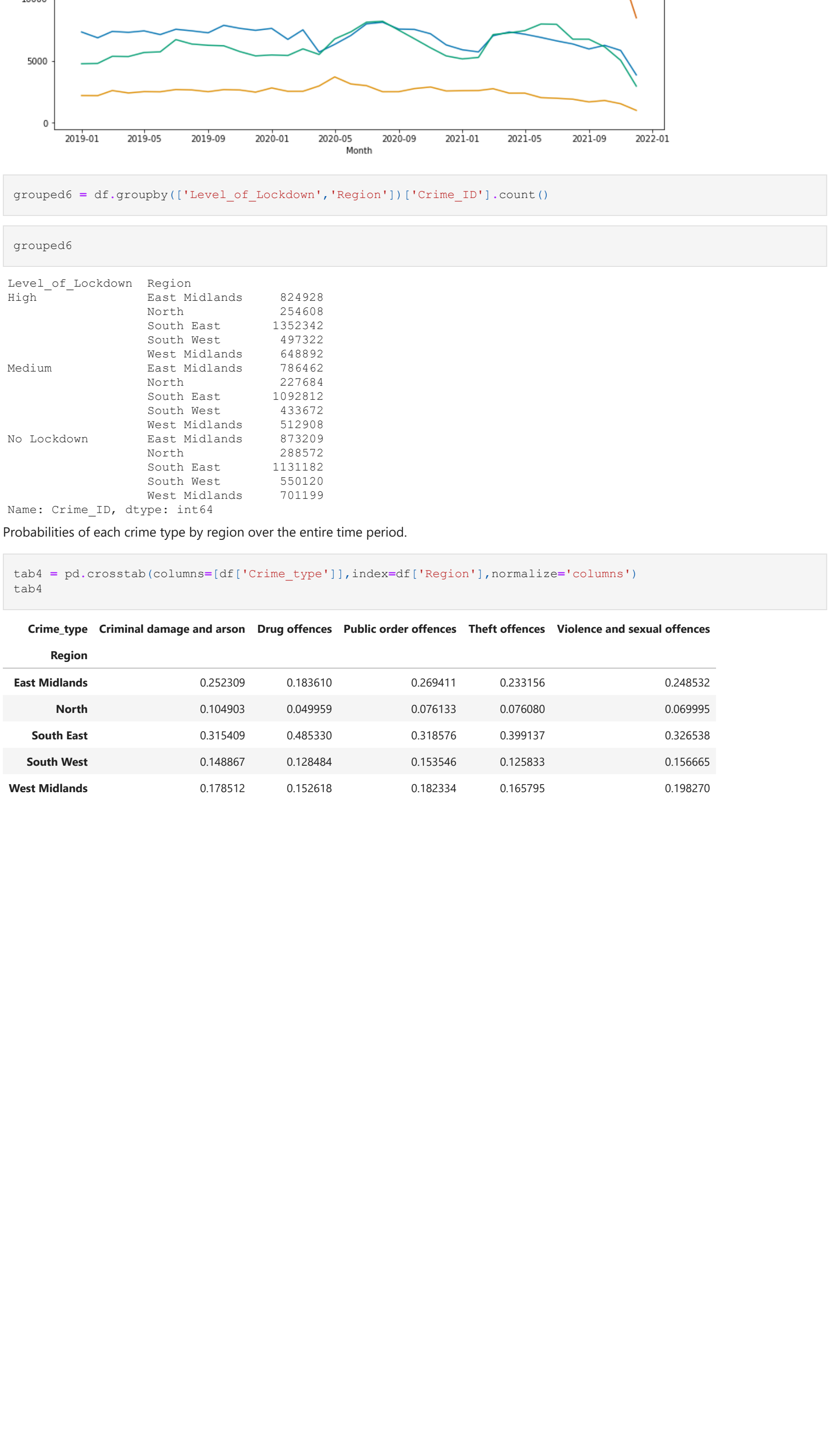
Counts normalised by 10,000 citizens.



Counts normalised by 100 police officers.



Raw outcome counts over time.



Raw crime types counted over time.



```
In [44]: grouped6 = df.groupby(['Level_of_lockdown','Region'])['Crime_ID'].count()
```

```
In [45]: grouped6
```

Level_of_lockdown	Region	
High	East Midlands	824928
	North	254608
	South East	1352342
	South West	497322
Medium	East Midlands	648892
	North	786462
	South East	227684
	South West	1092812
No Lockdown	East Midlands	433672
	North	312908
	South East	873209
	South West	288572
Name: Crime_ID, dtype: int64		

Probabilities of each crime type by region over the entire time period.

```
In [46]: tab4 = pd.crosstab(columns=[df['Crime_type']],index=df['Region'],normalize='columns')
tab4
```

	Crime_type	Criminal damage and arson	Drug offences	Public order offences	Theft offences	Violence and sexual offences
East Midlands	Region					
	North	0.252309	0.183610	0.269411	0.233156	0.248532
South East	Region					
	South West	0.104903	0.049959	0.076193	0.076080	0.069995
West Midlands	Region					
	South East	0.315409	0.485330	0.318576	0.399137	0.326538
West Midlands	Region					
	South West	0.148867	0.128484	0.153546	0.125833	0.156665
West Midlands	Region					
	South West	0.178512	0.152618	0.182334	0.165795	0.198270