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```
import seaborn as sns
```

```
print(sns.get_dataset_names())
```

```
['anagrams', 'anscombe', 'attention', 'brain_networks', 'car_crashes', 'diamonds', 'dots', 'dowjones', 'exercise', 'flights', 'fmri', 'geyser', 'glue', 'h
```

```
dataset = sns.load_dataset('car_crashes')
```

```
dataset.head()
```

	total	speeding	alcohol	not_distracted	no_previous	ins_premium	ins_losses	abbr
0	18.8	7.332	5.640	18.048	15.040	784.55	145.08	
1	18.1	7.421	4.525	16.290	17.014	1053.48	133.93	
2	18.6	6.510	5.208	15.624	17.856	899.47	110.35	
3	22.4	4.032	5.824	21.056	21.280	827.34	142.39	
4	12.0	4.200	3.360	10.920	10.680	878.41	165.63	

```
dataset.tail()
```

```
dataset.describe()
```

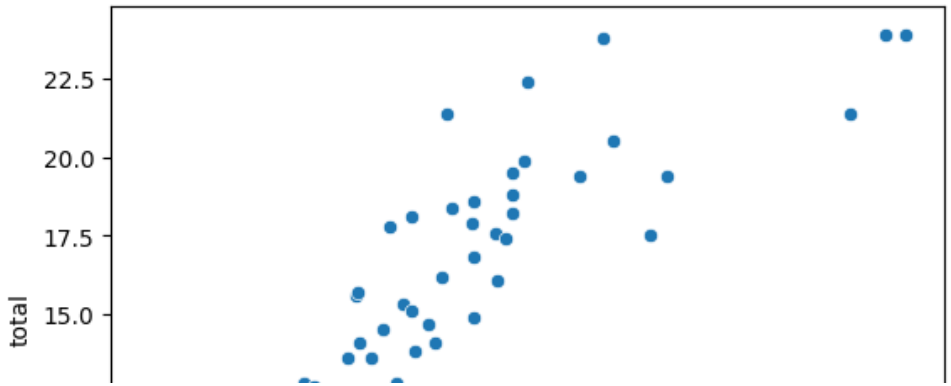
	total	speeding	alcohol	not_distracted	no_previous	ins_premium	ins_lo
count	51.000000	51.000000	51.000000	51.000000	51.000000	51.000000	51.00
mean	15.790196	4.998196	4.886784	13.573176	14.004882	886.957647	134.49
std	4.122002	2.017747	1.729133	4.508977	3.764672	178.296285	24.83
min	5.900000	1.792000	1.593000	1.760000	5.900000	641.960000	82.75
25%	12.750000	3.766500	3.894000	10.478000	11.348000	768.430000	114.64
50%	15.600000	4.608000	4.554000	13.857000	13.775000	858.970000	136.05
75%	18.500000	6.439000	5.604000	16.140000	16.755000	1007.945000	151.87
max	23.900000	9.450000	10.038000	23.661000	21.280000	1301.520000	194.78

```
dataset.info
```

```
17      137.13     KY
18      194.78     LA
19       96.57     ME
20      192.70     MD
21      135.63     MA
22      152.26     MI
23      133.35     MN
24      155.77     MS
25      144.45     MO
26       85.15     MT
27      114.82     NE
28      138.71     NV
29      120.21     NH
30      159.85     NJ
31      120.75     NM
32      150.01     NY
33      127.82     NC
34      109.72     ND
35      133.52     OH
36      178.86     OK
37      104.61     OR
38      153.86     PA
39      148.58     RI
40      116.29     SC
41       96.87     SD
42      155.57     TN
43      156.83     TX
44      109.48     UT
45      109.61     VT
46      153.72     VA
47      111.62     WA
48      152.56     WV
49      106.62     WI
50      122.04     WY  >
```

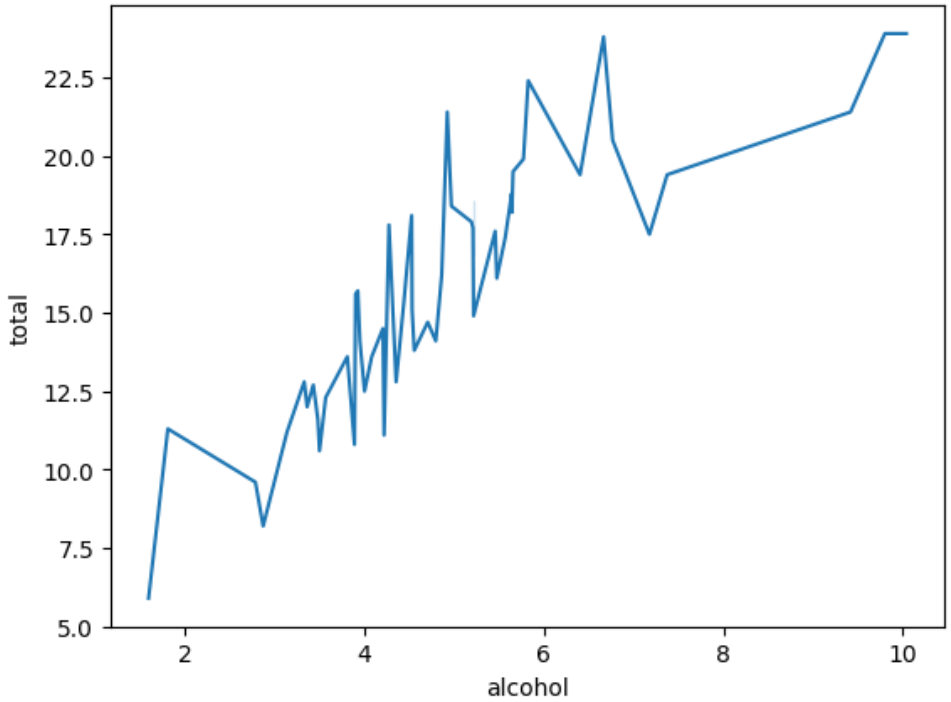
```
sns.scatterplot(x = "alcohol", y = "total", data = dataset)
```

```
<Axes: xlabel='alcohol', ylabel='total'>
```



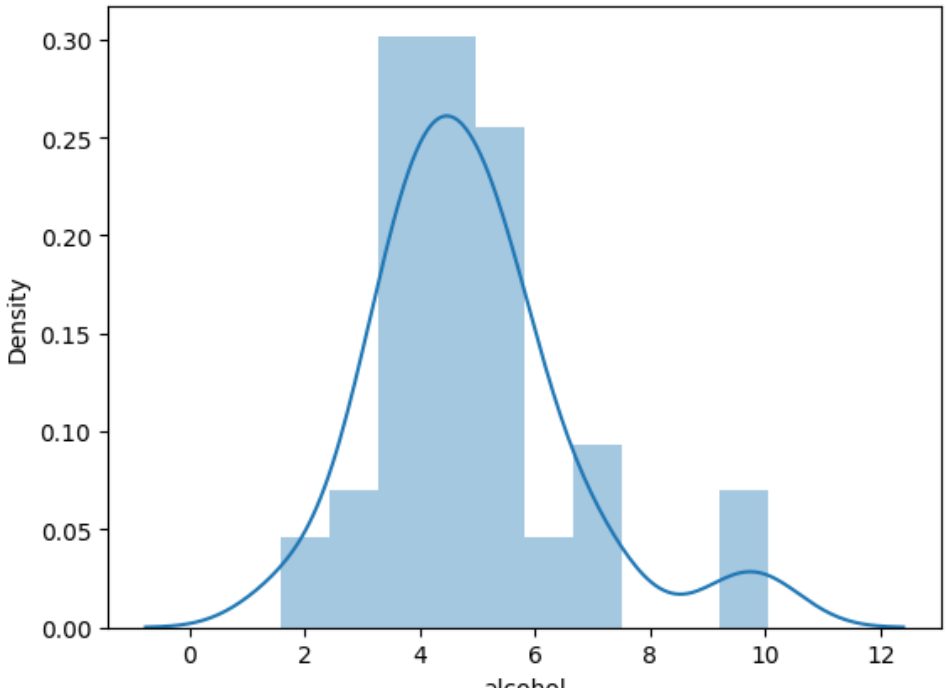

```
sns.lineplot(x = "alcohol", y = "total", data = dataset)
```

```
<Axes: xlabel='alcohol', ylabel='total'>
```



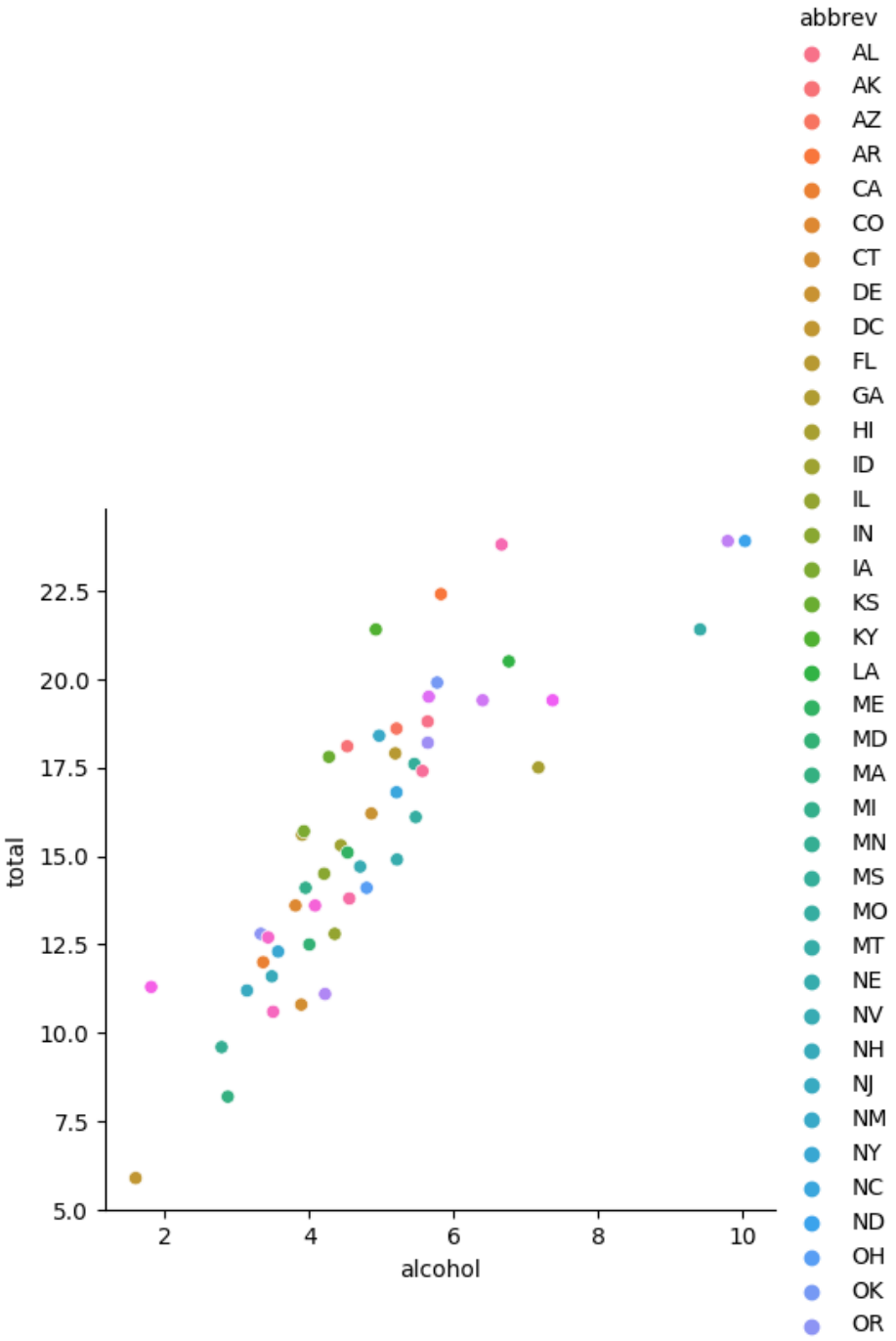

```
sns.distplot(dataset["alcohol"])
```

```
<ipython-input-14-c5eca1095330>:1: UserWarning:

`distplot` is a deprecated function and will be removed in seaborn v0.14.0.

Please adapt your code to use either `displot` (a figure-level function with
similar flexibility) or `histplot` (an axes-level function for histograms).

For a guide to updating your code to use the new functions, please see
https://gist.github.com/mwaskom/de44147ed2974457ad6372750bbe5751

  sns.distplot(dataset["alcohol"])
<Axes: xlabel='alcohol', ylabel='Density'>
```




```
sns.relplot(x = "alcohol", y = "total", data = dataset, hue = "abbrev")
```

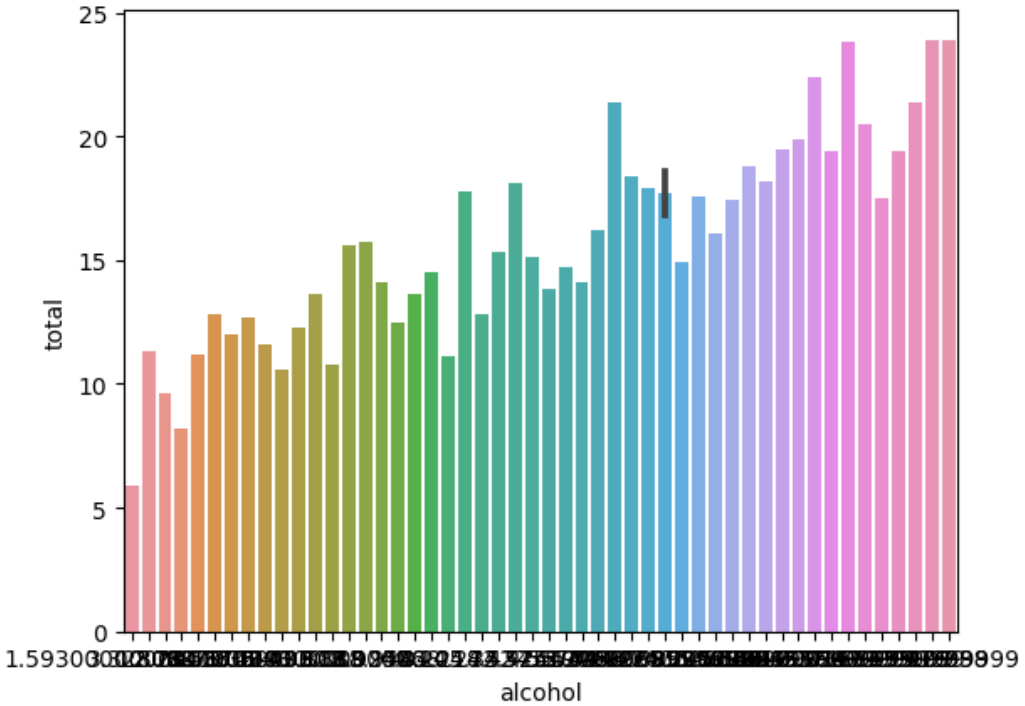
```
<seaborn.axisgrid.FacetGrid at 0x7874cd4bb790>
```



PA
RI
SC
SD
TN
TX

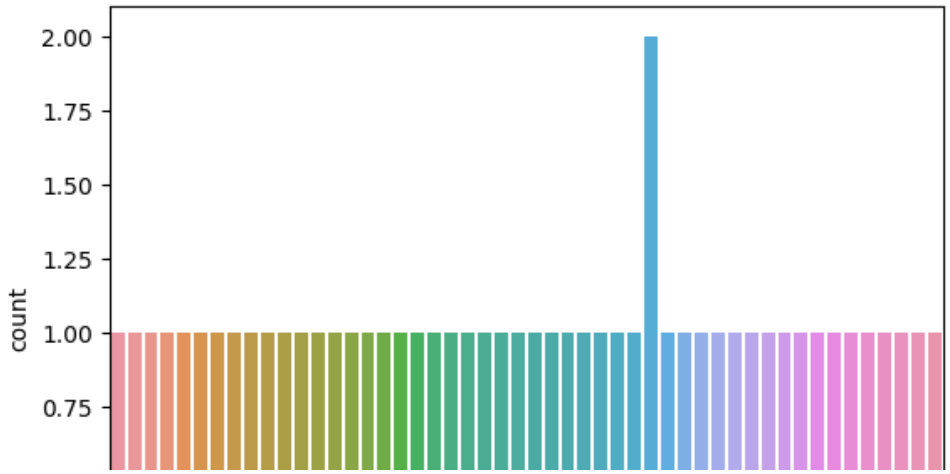
```
sns.barplot(data = dataset, x = "alcohol", y = "total")
```

```
<Axes: xlabel='alcohol', ylabel='total'>
```



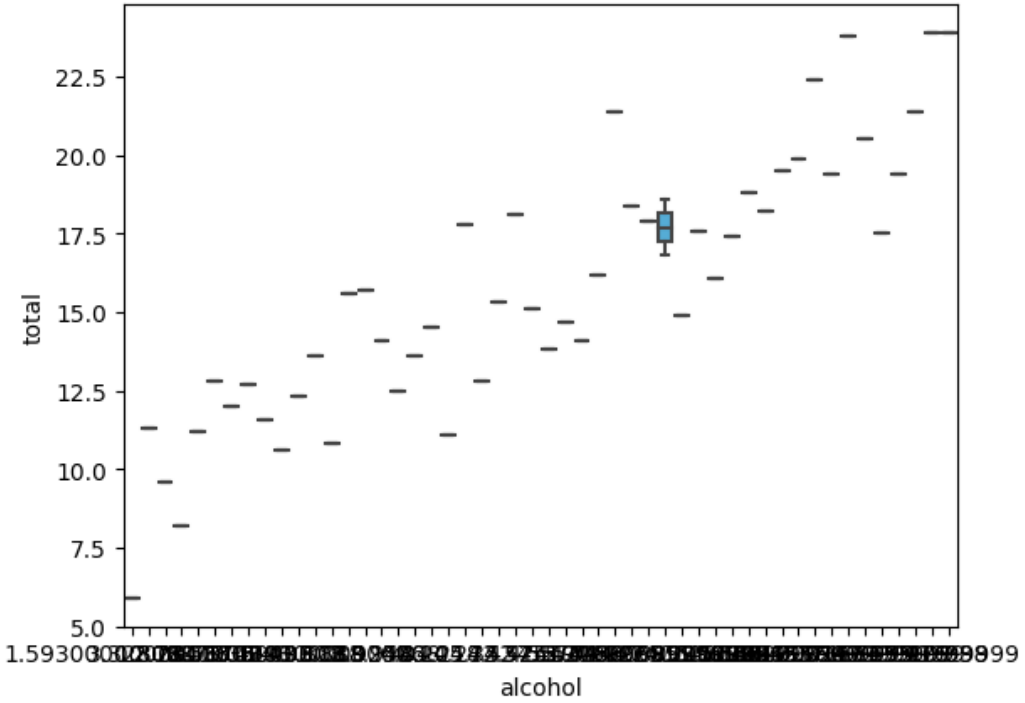

```
sns.countplot(x = "alcohol", data = dataset)
```

```
<Axes: xlabel='alcohol', ylabel='count'>
```




```
sns.boxplot(x="alcohol", y = "total", data = dataset)
```

```
<Axes: xlabel='alcohol', ylabel='total'>
```



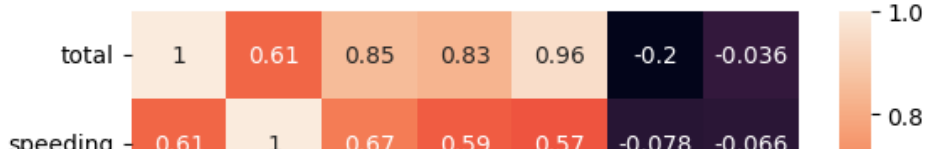
```
correlation = dataset.corr()
correlation
```

```
numeric_only in DataFrame.corr is deprecated. In a future version, it will default to Fa
```

s	ins_premium	ins_losses
9	-0.199702	-0.036011
3	-0.077675	-0.065928
0	-0.170612	-0.112547
7	-0.174856	-0.075970
0	-0.156895	-0.006359
5	1.000000	0.623116
9	0.623116	1.000000

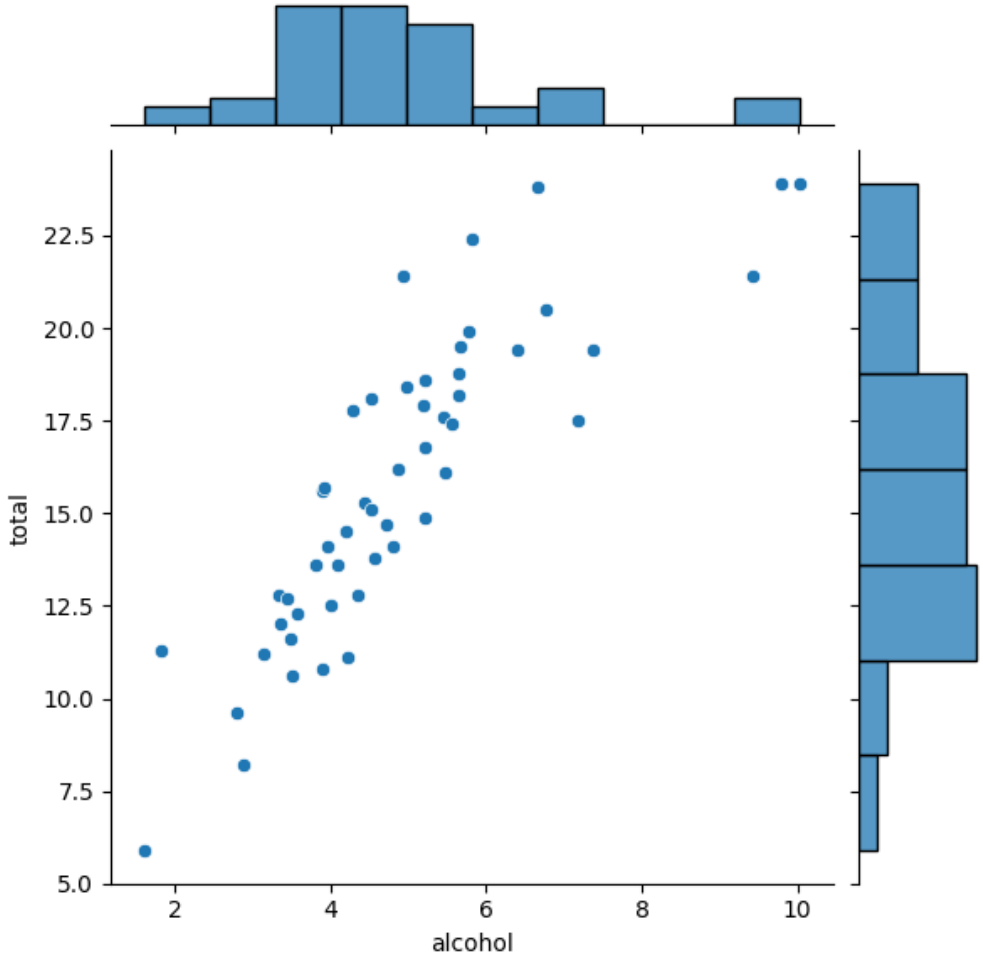
```
sns.heatmap(correlation, annot = True)
```

```
<Axes: >
```




```
sns.jointplot(x = "alcohol", y = "total", data = dataset)
```

```
<seaborn.axisgrid.JointGrid at 0x7874c6bc6080>
```



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