upper_triangle

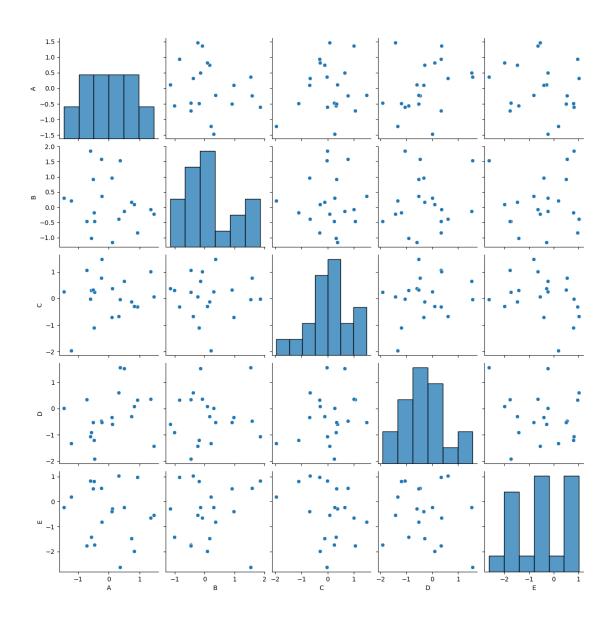
October 30, 2022

0.1 The objective is to mix different statistics on a same graphic

PairPlot and PairGrid are mainly used for descriptive statistics

plt.show()

PairGrid is very flexible: we can mix scatter, histo, kdeplot and so on, all in one

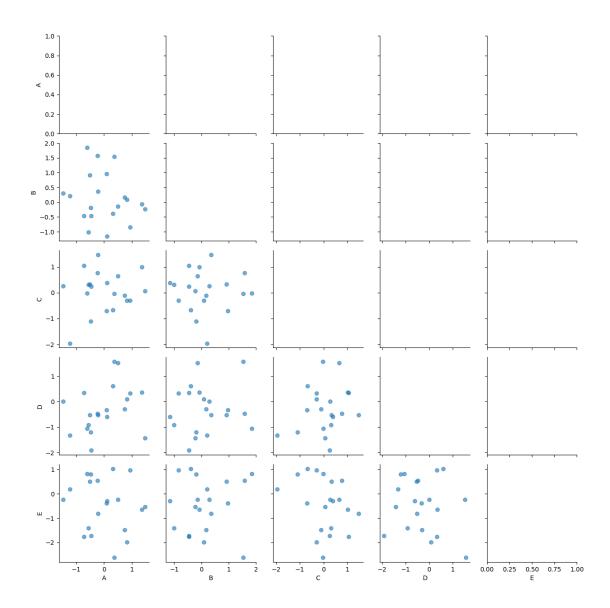


0.1.1 Using PairGrid

Scattering plot in an lower triangle

```
[]: pg = sns.PairGrid(df)

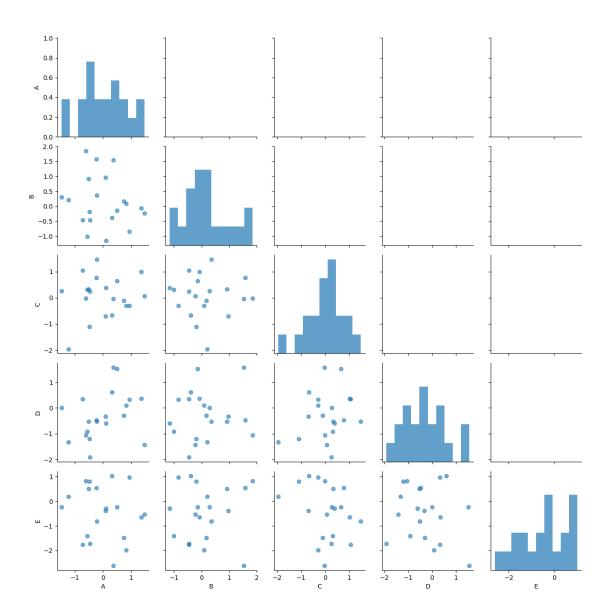
pg.map_lower(plt.scatter, alpha = 0.6)
plt.show()
```



0.1.2 Adding histogram on diag

```
pg = sns.PairGrid(df)

pg.map_lower(plt.scatter, alpha = 0.6)
pg.map_diag(plt.hist, alpha = 0.7)
plt.show()
```



0.1.3 Adding kdeplot on upper triangle

```
pg = sns.PairGrid(df)

pg.map_upper(sns.kdeplot, fill =True)
pg.map_lower(plt.scatter, alpha = 0.6)
pg.map_diag(plt.hist, alpha = 0.7)
plt.show()
```

