

To plot multiple pairwise bivariate distributions in a dataset, you can use the `pairplot()` function. This creates a matrix of axes and shows the relationship for each pair of columns in a DataFrame. by default, it also draws the univariate distribution of each variable on the diagonal Axes:

```
iris = sns.load_dataset("iris")  
sns.pairplot(iris);
```

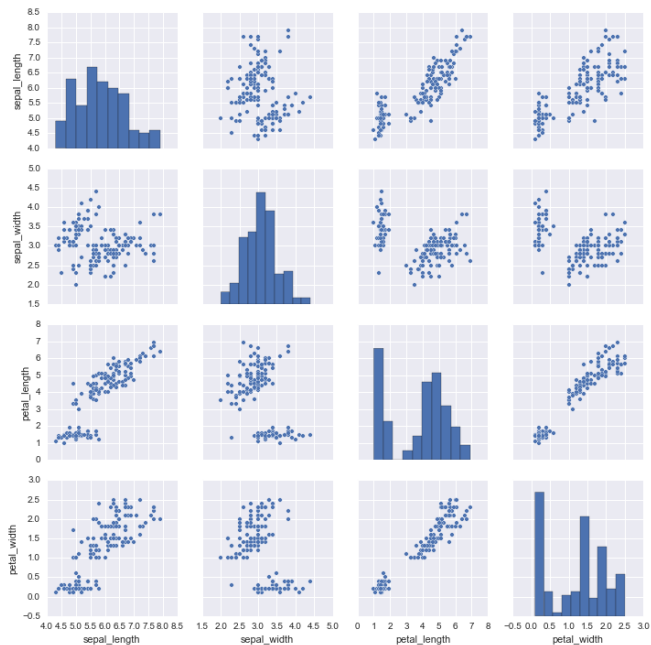


Figure:

Much like the relationship between `jointplot()` and `JointGrid`, the `pairplot()` function is built on top of a `PairGrid` object, which can be used directly for more flexibility:

```
g = sns.PairGrid(iris)
g.map_diag(sns.kdeplot)
g.map_offdiag(sns.kdeplot, cmap="Blues_d", n_levels=6)
```

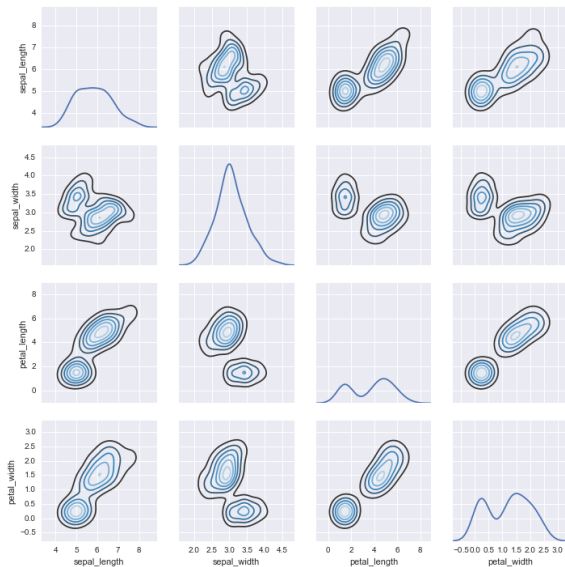


Figure: