In [4]:
```
import pandas as pd
```

In [5]:
```
import pandas_profiling
```

In [6]:
```
iris=pd.read_csv('iris.csv')
```

In [7]:
```
iris.head()
```

Out[7]:

	sepal.length	sepal.width	petal.length	petal.width	variety
0	5.1	3.5	1.4	0.2	Setosa
1	4.9	3.0	1.4	0.2	Setosa
2	4.7	3.2	1.3	0.2	Setosa
3	4.6	3.1	1.5	0.2	Setosa
4	5.0	3.6	1.4	0.2	Setosa

In [9]:
```
iris.profile_report()
```

Summarize dataset: 100% 18/18 [00:05<00:00, 2.47it/s, Completed]

Generate report structure: 100% 1/1 [00:01<00:00, 1.81s/it]

Render HTML: 100% 1/1 [00:00<00:00, 2.40it/s]

Software version	pandas-profiling v3.0.0 (https://github.com/pandas-profiling/pandas-prof
Download configuration	config.json (data:text/plain;charset=utf-8,%7B%22title%22%3A%20%22Pandas%20Profiling%20Report%22%

Variables

sepal.length

Real number ($\mathbb{R}_{\geq 0}$)

HIGH CORRELATION (This variable has a high correlation with 2 fields: petal.length, petal.width)
HIGH CORRELATION (This variable has a high correlation with 2 fields: petal.length, petal.width)
HIGH CORRELATION (This variable has a high correlation with 2 fields: petal.length, petal.width)
HIGH CORRELATION (This variable has a high correlation with 4 fields: petal.length, petal.width, variety, sepal.width)

Distinct	35
Distinct (%)	23.3%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	5.843333333

Minimum	4.3

Out[9]:

In [ ]: