

```
In[1]:= data = {7., 1., 12., 3., 4.}
OrderedData = Sort[data]
```

```
Out[1]= {7., 1., 12., 3., 4.}
```

```
Out[2]= {1., 3., 4., 7., 12.}
```

```
In[3]:= {Mean[data], StandardDeviation[data], Variance[data]}
Median[data]
{Quantile[data, 0.25], Quantile[data, 0.5], Quantile[data, 0.75]}
{Min[data], Max[data]}
FiveNumberSummary =
{Min[data], Quantile[data, 0.25], Median[data], Quantile[data, 0.75], Max[data]}
```

```
Out[3]= {5.4, 4.27785, 18.3}
```

```
Out[4]= 4.
```

```
Out[5]= {3., 4., 7.}
```

```
Out[6]= {1., 12.}
```

```
Out[7]= {1., 3., 4., 7., 12.}
```

```
In[8]:= Histogram[data, 3]
DiscretePlot[CDF[EmpiricalDistribution[data], x],
{x, 0, 15, .01}, GridLines -> {{0, 15}, {.25, .5, .75, 1.}}]
```

