| sepal length | Sepal.Width | petal width | Petal.Width | Species |
| --- | --- | --- | --- | --- |
| 5.1 | 4 | 1 | 0.2 | setosa |
| 4.9 | 3 | 1 | 0.2 | setosa |
| 4.7 | 3 | 1 | 0.2 | setosa |
| 4.6 | 3 | 2 | 0.2 | setosa |
| 5.0 | 4 | 1 | 0.2 | setosa |
| 5.4 | 4 | 2 | 0.4 | setosa |
| 4.6 | 3 | 1 | 0.3 | setosa |
| 5.0 | 3 | 2 | 0.2 | setosa |
| 4.4 | 3 | 1 | 0.2 | setosa |
| 4.9 | 3 | 2 | 0.1 | setosa |
| 5.4 | 4 | 2 | 0.2 | setosa |
| 4.8 | 3 | 2 | 0.2 | setosa |
| 4.8 | 3 | 1 | 0.1 | setosa |
| 4.3 | 3 | 1 | 0.1 | setosa |
| 5.8 | 4 | 1 | 0.2 | setosa |
| 5.7 | 4 | 2 | 0.4 | setosa |
| 5.4 | 4 | 1 | 0.4 | setosa |
| 5.1 | 4 | 1 | 0.3 | setosa |
| 5.7 | 4 | 2 | 0.3 | setosa |
| 5.1 | 4 | 2 | 0.3 | setosa |
| 5.4 | 3 | 2 | 0.2 | setosa |
| 5.1 | 4 | 2 | 0.4 | setosa |
| 4.6 | 4 | 1 | 0.2 | setosa |
| 5.1 | 3 | 2 | 0.5 | setosa |
| 4.8 | 3 | 2 | 0.2 | setosa |
| 5.0 | 3 | 2 | 0.2 | setosa |
| 5.0 | 3 | 2 | 0.4 | setosa |
| 5.2 | 4 | 2 | 0.2 | setosa |
| 5.2 | 3 | 1 | 0.2 | setosa |
| 4.7 | 3 | 2 | 0.2 | setosa |
| 4.8 | 3 | 2 | 0.2 | setosa |
| 5.4 | 3 | 2 | 0.4 | setosa |
| 5.2 | 4 | 2 | 0.1 | setosa |
| 5.5 | 4 | 1 | 0.2 | setosa |
| 4.9 | 3 | 2 | 0.2 | setosa |
| 5.0 | 3 | 1 | 0.2 | setosa |
| 5.5 | 4 | 1 | 0.2 | setosa |
| 4.9 | 4 | 1 | 0.1 | setosa |
| 4.4 | 3 | 1 | 0.2 | setosa |
| 5.1 | 3 | 2 | 0.2 | setosa |
| 5.0 | 4 | 1 | 0.3 | setosa |
| 4.5 | 2 | 1 | 0.3 | setosa |
| 4.4 | 3 | 1 | 0.2 | setosa |
| 5.0 | 4 | 2 | 0.6 | setosa |
| 5.1 | 4 | 2 | 0.4 | setosa |
| 4.8 | 3 | 1 | 0.3 | setosa |
| 5.1 | 4 | 2 | 0.2 | setosa |
| 4.6 | 3 | 1 | 0.2 | setosa |
| 5.3 | 4 | 2 | 0.2 | setosa |
| 5.0 | 3 | 1 | 0.2 | setosa |
| 7.0 | 3 | 5 | 1.4 | versicolor |
| 6.4 | 3 | 4 | 1.5 | versicolor |
| 6.9 | 3 | 5 | 1.5 | versicolor |
| 5.5 | 2 | 4 | 1.3 | versicolor |
| 6.5 | 3 | 5 | 1.5 | versicolor |
| 5.7 | 3 | 4 | 1.3 | versicolor |
| 6.3 | 3 | 5 | 1.6 | versicolor |
| 4.9 | 2 | 3 | 1.0 | versicolor |
| 6.6 | 3 | 5 | 1.3 | versicolor |
| 5.2 | 3 | 4 | 1.4 | versicolor |
| 5.0 | 2 | 4 | 1.0 | versicolor |
| 5.9 | 3 | 4 | 1.5 | versicolor |
| 6.0 | 2 | 4 | 1.0 | versicolor |
| 6.1 | 3 | 5 | 1.4 | versicolor |
| 5.6 | 3 | 4 | 1.3 | versicolor |
| 6.7 | 3 | 4 | 1.4 | versicolor |
| 5.6 | 3 | 4 | 1.5 | versicolor |
| 5.8 | 3 | 4 | 1.0 | versicolor |
| 6.2 | 2 | 4 | 1.5 | versicolor |
| 5.6 | 2 | 4 | 1.1 | versicolor |
| 5.9 | 3 | 5 | 1.8 | versicolor |
| 6.1 | 3 | 4 | 1.3 | versicolor |
| 6.3 | 2 | 5 | 1.5 | versicolor |
| 6.1 | 3 | 5 | 1.2 | versicolor |
| 6.4 | 3 | 4 | 1.3 | versicolor |
| 6.6 | 3 | 4 | 1.4 | versicolor |
| 6.8 | 3 | 5 | 1.4 | versicolor |
| 6.7 | 3 | 5 | 1.7 | versicolor |
| 6.0 | 3 | 4 | 1.5 | versicolor |
| 5.7 | 3 | 4 | 1.0 | versicolor |
| 5.5 | 2 | 4 | 1.1 | versicolor |
| 5.5 | 2 | 4 | 1.0 | versicolor |
| 5.8 | 3 | 4 | 1.2 | versicolor |
| 6.0 | 3 | 5 | 1.6 | versicolor |
| 5.4 | 3 | 4 | 1.5 | versicolor |
| 6.0 | 3 | 4 | 1.6 | versicolor |
| 6.7 | 3 | 5 | 1.5 | versicolor |
| 6.3 | 2 | 4 | 1.3 | versicolor |
| 5.6 | 3 | 4 | 1.3 | versicolor |
| 5.5 | 2 | 4 | 1.3 | versicolor |
| 5.5 | 3 | 4 | 1.2 | versicolor |
| 6.1 | 3 | 5 | 1.4 | versicolor |
| 5.8 | 3 | 4 | 1.2 | versicolor |
| 5.0 | 2 | 3 | 1.0 | versicolor |
| 5.6 | 3 | 4 | 1.3 | versicolor |
| 5.7 | 3 | 4 | 1.2 | versicolor |
| 5.7 | 3 | 4 | 1.3 | versicolor |
| 6.2 | 3 | 4 | 1.3 | versicolor |
| 5.1 | 2 | 3 | 1.1 | versicolor |
| 5.7 | 3 | 4 | 1.3 | versicolor |
| 6.3 | 3 | 6 | 2.5 | virginica |
| 5.8 | 3 | 5 | 1.9 | virginica |
| 7.1 | 3 | 6 | 2.1 | virginica |
| 6.3 | 3 | 6 | 1.8 | virginica |
| 6.5 | 3 | 6 | 2.2 | virginica |
| 7.6 | 3 | 7 | 2.1 | virginica |
| 4.9 | 2 | 4 | 1.7 | virginica |
| 7.3 | 3 | 6 | 1.8 | virginica |
| 6.7 | 2 | 6 | 1.8 | virginica |
| 7.2 | 4 | 6 | 2.5 | virginica |
| 6.5 | 3 | 5 | 2.0 | virginica |
| 6.4 | 3 | 5 | 1.9 | virginica |
| 6.8 | 3 | 6 | 2.1 | virginica |
| 5.7 | 2 | 5 | 2.0 | virginica |
| 5.8 | 3 | 5 | 2.4 | virginica |
| 6.4 | 3 | 5 | 2.3 | virginica |
| 6.5 | 3 | 6 | 1.8 | virginica |
| 7.7 | 4 | 7 | 2.2 | virginica |
| 7.7 | 3 | 7 | 2.3 | virginica |
| 6.0 | 2 | 5 | 1.5 | virginica |
| 6.9 | 3 | 6 | 2.3 | virginica |
| 5.6 | 3 | 5 | 2.0 | virginica |
| 7.7 | 3 | 7 | 2.0 | virginica |
| 6.3 | 3 | 5 | 1.8 | virginica |
| 6.7 | 3 | 6 | 2.1 | virginica |
| 7.2 | 3 | 6 | 1.8 | virginica |
| 6.2 | 3 | 5 | 1.8 | virginica |
| 6.1 | 3 | 5 | 1.8 | virginica |
| 6.4 | 3 | 6 | 2.1 | virginica |
| 7.2 | 3 | 6 | 1.6 | virginica |
| 7.4 | 3 | 6 | 1.9 | virginica |
| 7.9 | 4 | 6 | 2.0 | virginica |
| 6.4 | 3 | 6 | 2.2 | virginica |
| 6.3 | 3 | 5 | 1.5 | virginica |
| 6.1 | 3 | 6 | 1.4 | virginica |
| 7.7 | 3 | 6 | 2.3 | virginica |
| 6.3 | 3 | 6 | 2.4 | virginica |
| 6.4 | 3 | 6 | 1.8 | virginica |
| 6.0 | 3 | 5 | 1.8 | virginica |
| 6.9 | 3 | 5 | 2.1 | virginica |
| 6.7 | 3 | 6 | 2.4 | virginica |
| 6.9 | 3 | 5 | 2.3 | virginica |
| 5.8 | 3 | 5 | 1.9 | virginica |
| 6.8 | 3 | 6 | 2.3 | virginica |
| 6.7 | 3 | 6 | 2.5 | virginica |
| 6.7 | 3 | 5 | 2.3 | virginica |
| 6.3 | 2 | 5 | 1.9 | virginica |
| 6.5 | 3 | 5 | 2.0 | virginica |
| 6.2 | 3 | 5 | 2.3 | virginica |
| 5.9 | 3 | 5 | 1.8 | virginica |