```
In [1]: from sklearn.datasets import load_iris
In [2]: import numpy as np
In [3]: iris = load_iris()
In [4]: iris.data
Out[4]: array([[5.1, 3.5, 1.4, 0.2],
              [4.9, 3., 1.4, 0.2],
              [4.7, 3.2, 1.3, 0.2],
              [4.6, 3.1, 1.5, 0.2],
              [5., 3.6, 1.4, 0.2],
              [5.4, 3.9, 1.7, 0.4],
              [4.6, 3.4, 1.4, 0.3],
              [5., 3.4, 1.5, 0.2],
              [4.4, 2.9, 1.4, 0.2],
              [4.9, 3.1, 1.5, 0.1],
              [5.4, 3.7, 1.5, 0.2],
              [4.8, 3.4, 1.6, 0.2],
              [4.8, 3., 1.4, 0.1],
              [4.3, 3., 1.1, 0.1],
              [5.8, 4. , 1.2, 0.2],
              [5.7, 4.4, 1.5, 0.4],
              [5.4, 3.9, 1.3, 0.4],
              [5.1, 3.5, 1.4, 0.3],
              [5.7, 3.8, 1.7, 0.3],
              [5.1, 3.8, 1.5, 0.3],
              [5.4, 3.4, 1.7, 0.2],
              [5.1, 3.7, 1.5, 0.4],
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              [5.1, 3.3, 1.7, 0.5],
              [4.8, 3.4, 1.9, 0.2],
              [5., 3., 1.6, 0.2],
              [5., 3.4, 1.6, 0.4],
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              [5.2, 3.4, 1.4, 0.2],
              [4.7, 3.2, 1.6, 0.2],
              [4.8, 3.1, 1.6, 0.2],
              [5.4, 3.4, 1.5, 0.4],
              [5.2, 4.1, 1.5, 0.1],
              [5.5, 4.2, 1.4, 0.2],
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              [5., 3.2, 1.2, 0.2],
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              [4.4, 3.2, 1.3, 0.2],
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              [5.1, 3.8, 1.9, 0.4],
              [4.8, 3., 1.4, 0.3],
              [5.1, 3.8, 1.6, 0.2],
              [4.6, 3.2, 1.4, 0.2],
              [5.3, 3.7, 1.5, 0.2],
              [5., 3.3, 1.4, 0.2],
              [7., 3.2, 4.7, 1.4],
              [6.4, 3.2, 4.5, 1.5],
              [6.9, 3.1, 4.9, 1.5],
              [5.5, 2.3, 4., 1.3],
              [6.5, 2.8, 4.6, 1.5],
              [5.7, 2.8, 4.5, 1.3],
              [6.3, 3.3, 4.7, 1.6],
              [4.9, 2.4, 3.3, 1.],
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              [5.6, 2.9, 3.6, 1.3],
              [6.7, 3.1, 4.4, 1.4],
              [5.6, 3., 4.5, 1.5],
              [5.8, 2.7, 4.1, 1.],
              [6.2, 2.2, 4.5, 1.5],
              [5.6, 2.5, 3.9, 1.1],
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              [6.1, 2.8, 4., 1.3],
              [6.3, 2.5, 4.9, 1.5],
              [6.1, 2.8, 4.7, 1.2],
              [6.4, 2.9, 4.3, 1.3],
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              [6.8, 2.8, 4.8, 1.4],
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              [6., 3.4, 4.5, 1.6],
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              [5.7, 2.8, 4.1, 1.3],
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              [5.8, 2.7, 5.1, 1.9],
              [7.1, 3., 5.9, 2.1],
              [6.3, 2.9, 5.6, 1.8],
              [6.5, 3., 5.8, 2.2],
              [7.6, 3., 6.6, 2.1],
              [4.9, 2.5, 4.5, 1.7],
              [7.3, 2.9, 6.3, 1.8],
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              [6.4, 2.7, 5.3, 1.9],
              [6.8, 3., 5.5, 2.1],
              [5.7, 2.5, 5. , 2. ],
              [5.8, 2.8, 5.1, 2.4],
              [6.4, 3.2, 5.3, 2.3],
              [6.5, 3., 5.5, 1.8],
              [7.7, 3.8, 6.7, 2.2],
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              [7.4, 2.8, 6.1, 1.9],
              [7.9, 3.8, 6.4, 2.],
              [6.4, 2.8, 5.6, 2.2],
              [6.3, 2.8, 5.1, 1.5],
              [6.1, 2.6, 5.6, 1.4],
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              [6.4, 3.1, 5.5, 1.8],
              [6., 3., 4.8, 1.8],
              [6.9, 3.1, 5.4, 2.1],
              [6.7, 3.1, 5.6, 2.4],
              [6.9, 3.1, 5.1, 2.3],
              [5.8, 2.7, 5.1, 1.9],
              [6.8, 3.2, 5.9, 2.3],
              [6.7, 3.3, 5.7, 2.5],
              [6.7, 3., 5.2, 2.3],
              [6.3, 2.5, 5., 1.9],
              [6.5, 3., 5.2, 2.],
              [6.2, 3.4, 5.4, 2.3],
              [5.9, 3., 5.1, 1.8]])
In [5]: iris.target
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2,
              In [6]: print(iris.target_names)
        ['setosa' 'versicolor' 'virginica']
In [7]: print(iris.feature_names)
        ['sepal length (cm)', 'sepal width (cm)', 'petal length (cm)', 'petal width (cm)']
In [8]: print(iris.data.shape)
        (150, 4)
In [9]: print(iris.type.shape)
                                               Traceback (most recent call last)
        ~\AppData\Local\Continuum\anaconda3\lib\site-packages\sklearn\utils\__init__.py in __getattr_
        _(self, key)
           104
        --> 105
                          return self[key]
           106
                      except KeyError:
        KeyError: 'type'
        During handling of the above exception, another exception occurred:
        AttributeError
                                              Traceback (most recent call last)
        <ipython-input-9-ba3206bd3173> in <module>
        ----> 1 print(iris.type.shape)
        ~\AppData\Local\Continuum\anaconda3\lib\site-packages\sklearn\utils\__init__.py in __getattr_
        _(self, key)
           105
                          return self[key]
           106
                      except KeyError:
        --> 107
                          raise AttributeError(key)
           108
           109
                   def __setstate__(self, state):
        AttributeError: type
```

In [10]: print(iris.target.shape)

(150,)