
Mini-projeto: Árvores de Decisão

The slide features a title in orange text centered between two horizontal teal lines. Below the title, there are two short horizontal grey dashes, one on the left and one on the right, positioned symmetrically. At the bottom of the slide, there are two more horizontal teal lines, mirroring the ones at the top.

Prática / Experimentos



Prática / Experimentos

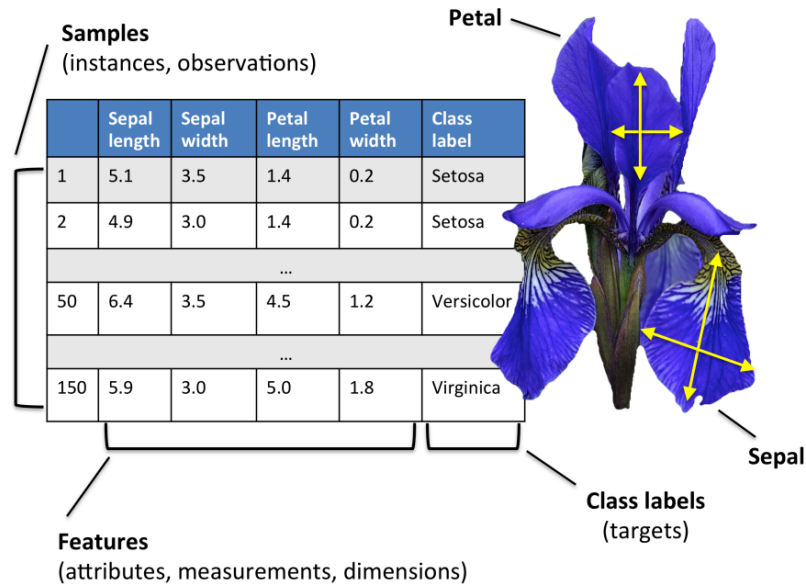
`sklearn.tree`.DecisionTreeClassifier

```
class sklearn.tree. DecisionTreeClassifier (criterion='gini', splitter='best', max_depth=None,  
min_samples_split=2, min_samples_leaf=1, min_weight_fraction_leaf=0.0, max_features=None, random_state=None,  
max_leaf_nodes=None, min_impurity_decrease=0.0, min_impurity_split=None, class_weight=None, presort=False)
```

[\[source\]](#)

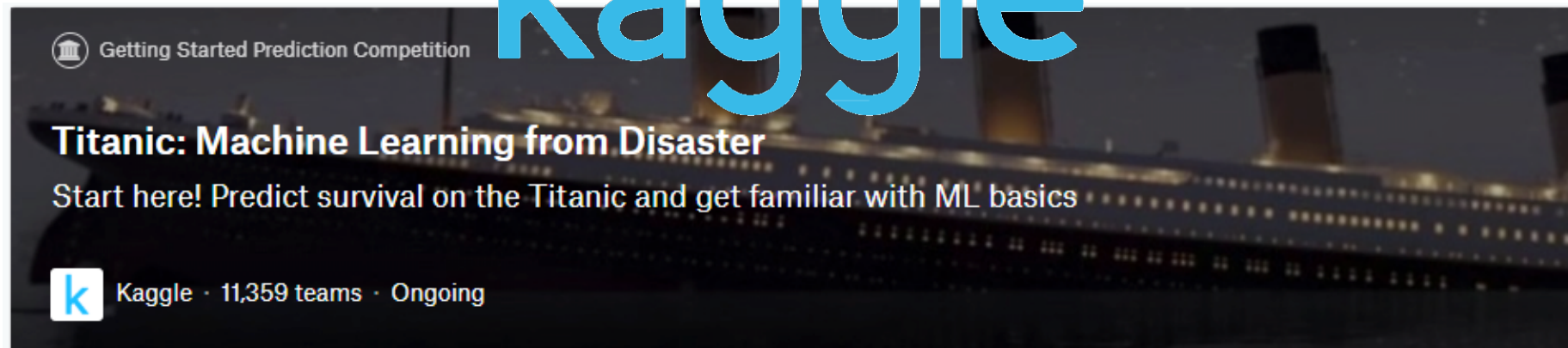
<https://scikit-learn.org/stable/modules/generated/sklearn.tree.DecisionTreeClassifier.html>

Prática / Experimentos



Prática / Experimentos

kaggle



Conjunto de Dados Titanic

891 Observações, 12 Atributos (11 Descritores, 1 Atributo de Classe Binária)

Objetivo: Identificar se a pessoa sobreviveria ou não ao desastre do Titanic

Link: <https://www.kaggle.com/c/titanic/data>

Competição no Kaggle (Existe conjunto de Teste para submissão das predições)

Prática / Experimentos



Iris -

<https://colab.research.google.com/drive/1PBOPuMbWyk4L3iLvqboKvpvGMGbS1pDX>

Titanic -

https://colab.research.google.com/drive/1b1DE72i7A2fHX_id7TI1ZFFFwxztD0Jq

Prática / Experimentos

Atenção!!

Cuidado no ajuste de Parâmetros.
Overfitting