Machine Learning

Session 18 - PL

Support Vector Machines – Part 2

Ciência de Dados Aplicada

2023/2024

Support Vector Machines in Scikit-Learn

- https://scikit-learn.org/stable/modules/generated/sklearn.svm.SVC.html

sklearn.svm.SVC

```
class sklearn.svm.SVC(*, C=1.0, kernel='rbf', degree=3, gamma='scale', coef0=0.0, shrinking=True, probability=False,
tol=0.001, cache_size=200, class_weight=None, verbose=False, max_iter=-1, decision_function_shape='ovr', break_ties=False,
random_state=None)¶
```
[source]

Exercises:

- Notebooks on the github repository:
  - Notebook with examples:
    - Notebooks/session_18/examples.ipynb
  - Notebook with exercises:
    - Notebooks/session_18/exercises.ipynb