Goal:

* Naudojant SVC, patikrinti atskyrimo kokybę Known/Unknown

Kaip:

* Dataset: known (11452) ir unknow(11452)
* Features: paskutininis 54 prekių klasifikatoriaus sluoksnis (t.y. tikimybės)
* SVC klasifikatorius
  + Kernel: *"linear", "poly", "rbf", "sigmoid"*
  + C (reguliarizavimo param): 0.9, 1.0, 1.1
* Pamatuoti naudojant confusion matricą, accuracy ant “train” duomenų

|  |  |  |  |
| --- | --- | --- | --- |
|  | C=0.9 | C=1.0 | C=1.1 |
| *linear* | Accuracy: 0.7040691582256374  [[8216 3236]  [3542 7910]] | Accuracy: 0.7040691582256374  [[8216 3236]  [3542 7910]] | Accuracy: 0.7040691582256374  [[8216 3236]  [3542 7910]] |
| *poly* | Accuracy: 0.8189835836535103  [[8974 2478]  [1668 9784]] | Accuracy: 0.8197694725812085  [[8974 2478]  [1650 9802]] | Accuracy: **0.8204243800209571**  [[8974 2478]  [1635 9817]] |
| *rbf* | Accuracy: 0.8158836884387006  [[8962 2490]  [1727 9725]] | Accuracy: **0.8217778553964373**  [[8929 2523]  [1559 9893]] | Accuracy: **0.8212539294446385**  [[8917 2535]  [1559 9893]] |
| *sigmoid* | Accuracy: 0.5404296192804751  [[4916 6536]  [3990 7462]] | Accuracy: 0.5393817673768774  [[4896 6556]  [3994 7458]] | Accuracy: 0.5391634648969612  [[4893 6559]  [3996 7456]] |