## Aula M3A43 CLASSIFICACAO III

## Leitura complementar:

- 1.9. Naive Bayes
- 6 Easy Steps to Learn Naive Bayes Algorithm with codes in Python and R
- How to Develop a Naive Bayes Classifier from Scratch in Python
- Bayes' Theorem Definition
- Bayes' Theorem
- A Gentle Introduction to Bayes Theorem for Machine Learning
- All about Naive Bayes
- Naive Bayes Classifier
- Introduction to Conditional Probability and Bayes theorem in R for data science professionals
- Bayes' Theorem and Conditional Probability
- Probabilistic Classification: Naive Bayes
- Naive Bayes Classification
- Learning by Implementing: Gaussian Naive Bayes
- How to implement a Gaussian Naive Bayes Classifier in Python from scratch?
- Gaussian Naive Bayes with Hyperparameter Tuning
- Multinomial Naive Bayes Classifier for Text Analysis (Python)
- Sentiment Analysis of Tweets using Multinomial Naive Bayes
- Prediction Of Topics Using Multinomial Naive Bayes Classifier
- Bernoulli Naive Bayes
- numpy para fazer a manipulação dos dados.
- matplotlib.pyplot
- seaborn
- sklearn.datasets.make\_blobs
- sns.set()
- make\_blobs()
- Blob
- Naive Bayes, Clearly Explained!!!
- Gaussian Naive Bayes, Clearly Explained!!!
- The Bayesian Trap
- sklearn.naive\_bayes.GaussianNB
- GaussianNB()
- .fit()
- RandomState()
- Mersenne Twister
- .rand
- .scatter()
- Alpha blending
- Binary\_large\_object
- Decision Boundary Visualization(A-Z)
- predict\_proba()
- 20 Newsgroups

- sklearn.datasets.fetch\_20newsgroups
- fetch\_20newsgroups()
- Bunch
- sklearn.feature\_extraction.text.TfidfVectorizer
- TfidfVectorizer()
- How to Use Tfidftransformer & Tfidfvectorizer?
- sklearn.feature extraction.text
- What does tf-idf mean?
- TF IDF | TFIDF Python Example
- TF IDF: herramientas para mejorar la relevancia de tus contenidos
- 6.2.3. Text feature extraction
- sklearn.feature\_extraction.text.TfidfVectorizer
- scipy.sparse.csr\_matrix¶
- A Gentle Introduction to Sparse Matrices for Machine Learning
- Handling Sparse matrix Concept behind Compressed Sparse Row (CSR) matrix
- numpy.ndarray.size
- .get\_feature\_names()
- sklearn.naive\_bayes.MultinomialNB
- Why & How to use the Naive Bayes algorithms in a regulated industry with sklearn | Python + code
- Multinomial Naïve Bayes classifier using pointwise mutual information
- 1.9.2. Multinomial Naive Bayes
- transform()
- predict()
- sklearn.metrics.confusion\_matrix
- Confusion matrix
- seaborn.heatmap
- sklearn.metrics.accuracy\_score
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