Aula M1A34 MODELAGEM ESTATÍSTICA II.

Leitura complementar:

- Feature Selection Techniques in Machine Learning with Python
- How to Choose a Feature Selection Method For Machine Learning
- The 5 Feature Selection Algorithms every Data Scientist should know
- What is a Correlation Matrix?
- Understanding Feature extraction using Correlation Matrix and Scatter Plots
- Baffled by Covariance and Correlation??? Get the Math and the Application in Analytics for both the terms..
- pandas.DataFrame.replace
- pandas.DataFrame.stack
- seaborn.pairplot
- Generating Random Data in Python (Guide)
- Properly Setting the Random Seed in ML Experiments. Not as Simple as You Might Imagine
- How to Use Random Seeds Effectively
- T Test
- T-TEST
- T-Test
- The 5 Sampling Algorithms every Data Scientist need to know
- Hypothesis Testing: A Way to Accept or Reject Your Hypothesis Using p-value
- Null Hypothesis and the P-Value
- The Importance of P-Values in Data Science
- scipy.stats.ttest_ind
- seaborn.kdeplot
- Histograms vs. KDEs Explained
- Kernel Density Estimation and Non-Parametric Regression
- Kernel Density Estimation
- seaborn.violinplot

- sklearn.model_selection: Model Selection
- 6.3. Preprocessing data
- Clearly explained: what, why and how of feature scaling-normalization & standardization
- Why, How and When to Scale your Features
- Data science : Scaling of Data in python.
- Train/Test Split and Cross Validation in Python
- Train-Test Split for Evaluating Machine Learning Algorithms
- seaborn.jointplot
- sklearn.preprocessing.RobustScaler
- .fit()
- .transform()
- 1.1. Linear Models
- Linear combinations
- Linear Combinations and Span
- Linear Algebra explained in the context of deep learning
- .fit() .predict()
- Coefficient of Determination (R Squared): Definition, Calculation
- R-Squared Definition
- RMSE: Root Mean Square Error
- RMSE
- Dot Product
- Understand Dot Products Matrix Multiplications Usage in Deep Learning in Minutes — beginner friendly tutorial
- Dot Product in Linear Algebra for Data Science using Python
- .mean_squared_error()
- .score()
- scipy.stats.probplot
- Here's All you Need to Know About Encoding Categorical Data (with Python code)
- Smarter Ways to Encode Categorical Data for Machine Learning

- Feature Selection Techniques in Machine Learning
- Data Pre Processing Techniques You Should Know
- pandas.cut
- Data Visualization in Machine Learning — Beyond the Basics
- What is a Heat Map, How to Create One, Examples and Case Studies
- .extend()
- Tutorial: Understanding Regression Error Metrics in Python
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