

Universidade Federal do Paraná  
Setor de Ciências Exatas  
Departamento de Estatística  
Programa de Especialização em *Data Science* e *Big Data*

Luiz Gabriel de Souza

# **Comparando bibliotecas de Auto Machine Learning**

**Curitiba**  
**2022**

Luiz Gabriel de Souza

## **Comparando bibliotecas de Auto Machine Learning**

Monografia apresentada ao Programa de Especialização em Data Science e Big Data da Universidade Federal do Paraná como requisito parcial para a obtenção do grau de especialista.

Orientador: Ph.D. Luiz Eduardo S. Oliveira

Curitiba

2022

## Comparando bibliotecas de Auto Machine Learning

Luiz Gabriel de Souza<sup>1</sup>

Ph.D. Luiz Eduardo S. Oliveira<sup>2</sup>

Outro Orientador do Programa<sup>3</sup>

Orientador Externo<sup>4</sup>

### Resumo

*Lorem Ipsum* is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.

**Palavras-chave:** Lorem, Ipsum, Lorem, Ipsum, Lorem.

### Abstract

*Lorem Ipsum* is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.

**Keywords:** Lorem, Ipsum, Lorem, Ipsum, Lorem.

## 1 Introdução

*Lorem Ipsum* is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in

<sup>1</sup>Aluno do programa de Especialização em Data Science & Big Data, aluno@dsbd.leg.ufpr.br.

<sup>2</sup>Professor do Departamento de Estatística - DEST/UFPR, orientador@dsbd.leg.ufpr.br.

<sup>3</sup>Professor do Departamento de Informática - DINF/UFPR.

<sup>4</sup>Chefe do Departamento de Data Science.

Tabela 1: Legenda da tabela

Sepal.Length	Sepal.Width	Petal.Length
5.1	3.5	1.4
4.9	3.0	1.4
4.7	3.2	1.3
4.6	3.1	1.5
5.0	3.6	1.4
5.4	3.9	1.7

the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker. [1] aqui

## 2 Materiais e métodos

Escreva aqui.

Conforme demonstrado na tabela 1.

### 2.1 Método 1

Escreva aqui.

$$\log L = \sum_{i=1}^n [Y_i \ln(\pi_i) + (1 - Y_i) \ln(1 - \pi_i)]. \quad (1)$$

A equação (1) blablablá.

### 2.2 Método 2

Escreva aqui.

blã

Conforme demonstrado na figura 1.

#### 2.2.1 Experimento A

Escreva aqui.

## 3 Resultados e discussão

Escreva aqui.

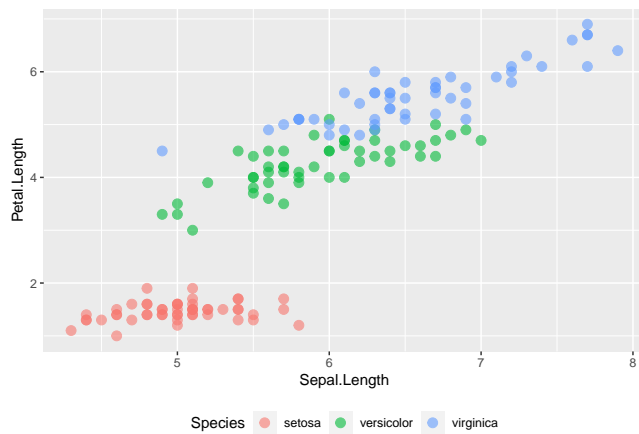


Figura 1: Legenda do gráfico

## 4 Conclusão

Escreva aqui.

## Referências

- [1] Hadley Wickham and Garrett Grolemund. *R for data science: import, tidy, transform, visualize, and model data*. O'Reilly Media, Inc., 2016.