



Logotipo, nome da empresa

Descrição gerada automaticamente

MACHINE LEARNING II

TRABALHO DE CONCLUSÃO DE CURSO

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# Introdução

XXXXX

# Conceitos básicos

XXXXX

# Técnicas de pré-processamento

XXXXX

# Algoritmos de Aprendizagem de Máquina

XXXXX

# Metodologia dos experimentos

XXXXX

# Bancos de dados

XXXXX

# Métricas

XXXXX

# Resultados

XXXXX

# Conclusões

XXXXX

# Referências

XXXXX

-- selecionar um banco de dados do OpenML (<https://www.openml.org/>)  
     -- o banco de dados de classificação deve ter: > 3 classes, >10 atributos e >1000 instâncias  
-- 10-fold cross-validation  
-- avaliar máquinas de aprendizagem: kNN, DT, MLP, NB e SVM  
-- métricas (area under the ROC curve, f1-score, accuracy, matriz de confusão média)  
-- opcional: para ajustar os parâmetros das máquinas de aprendizagem usar grid-search ou escolher os parâmetros e justificar  
-- avaliar estratégias de seleção de instâncias, seleção de atributos e/ou de balanceamento

LINK PARA ENTREGA

[[A screenshot of a cell phone

Description automatically generated](https://docs.google.com/forms/d/e/1FAIpQLSd4Vi4k1U0zlQ2mhrR5FgDY8AMcWGn14EiXsfoaWKiHHk5xug/viewform?authuser=0)](https://docs.google.com/forms/d/e/1FAIpQLSd4Vi4k1U0zlQ2mhrR5FgDY8AMcWGn14EiXsfoaWKiHHk5xug/viewform?authuser=0" \o "Projeto -- Análise Preditiva II" \t "_blank)

[Projeto -- Análise Preditiva II](https://docs.google.com/forms/d/e/1FAIpQLSd4Vi4k1U0zlQ2mhrR5FgDY8AMcWGn14EiXsfoaWKiHHk5xug/viewform?authuser=0" \o "Projeto -- Análise Preditiva II" \t "_blank)

[Google Forms](https://docs.google.com/forms/d/e/1FAIpQLSd4Vi4k1U0zlQ2mhrR5FgDY8AMcWGn14EiXsfoaWKiHHk5xug/viewform?authuser=0" \o "Projeto -- Análise Preditiva II" \t "_blank)

PARA PINÇAR

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| **Well controlled** | No important findings or weaknesses in controls were noted as a result of the audit. No high priority  audit issues were identified. |
| **Basically controlled** | Audit findings or weaknesses in controls were identified, while none of these, individually or collectively, lead to significant financial losses (in line with external auditors’ local threshold/materiality). Management should address them to strengthen controls. |
| **Needs improvement** | Audit findings or control weaknesses that, individually or collectively, result in the risk of: i) significant financial losses (in line with external auditors’ local threshold/materiality); or ii) non-timely detection of serious errors that might result in fraud. Corrective actions must be taken by management. |
| **Deficient** | i) Any fraud occurrence; or ii) Audit findings or control weaknesses that, individually or collectively, led to significant financial losses (in line with external auditors’ local threshold / materiality). Immediate corrective action is mandatory. |

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| --- | --- |
| **Embraer Board of Directors** | |
| Alexandre Silva | Head of Board of Directors |
| **Embraer Audit and Risk Committee** | |
| Dan Ioschpe | Member of Embraer Ethics, Risk & Audit Committee |
| Claudia Sender Ramirez | Member of Embraer Ethics, Risk & Audit Committee |
| Mauro Gentile da Cunha | Member of Embraer Ethics, Risk & Audit Committee |
| Vanessa C. Lopes | Member of Embraer Ethics, Risk & Audit Committee |
| João Cox Neto | Member of Embraer Ethics, Risk & Audit Committee |
| **Embraer Executive Officers and Senior Management** | |
| Francisco Gomes Neto | President & CEO |
| Johann Bordais | VP Services and Support |
| Antônio Carlos Garcia | VP Finance |
| Fabiana Leschziner | VP Executiva Jurídico e Compliance |
| **Other management positions** | |
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| **Description** | | | | | |
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| **Management response** | | | | | |
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| **Risk and Impact on control environment** | | | | | |
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| **Recommendations/ Action Plans** | | | | | |
| 1. INDICAR A PRIORITY ACTION | | | | | |
| **Responsible** | |  | | | |
| **Due date** | |  | | | |

**Go back to** [Issues Overview](#_Issues_overview)

|  |  |  |  |
| --- | --- | --- | --- |
| **Company** | | **XXX** | |
| Description | | XXX | |
|  |  | | |
| **Audit Type** | | | **XX** | |
| **Audit objective** | | | XX. | |
|  | | |  | |
| **Audit team** | | | XXXX | |
|  | | |  | |
| **Audit dates** | | |  | |
| Field work | | |  | |
| Report issue | | |  | |
| Audit period | | |  | |

Logotipo

Descrição gerada automaticamente

Logotipo, nome da empresa

Descrição gerada automaticamente