

# Pipeline de ML

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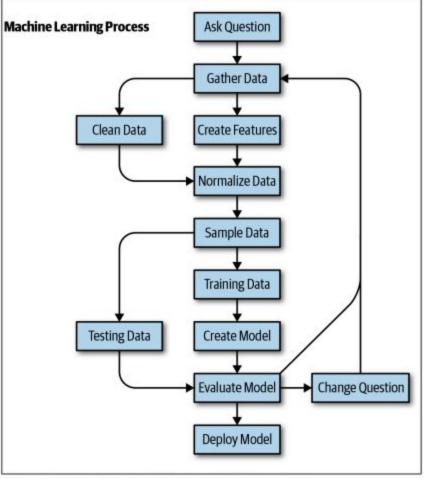


Figure 2-1. Common workflow for machine learning.

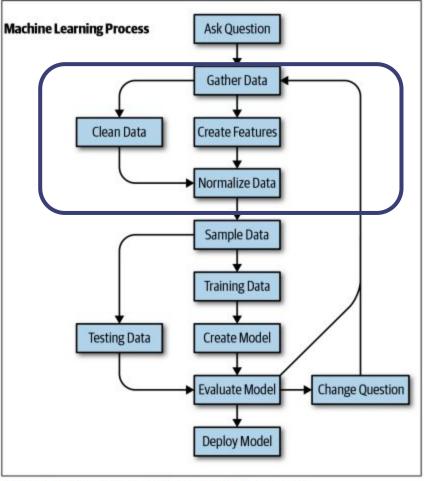
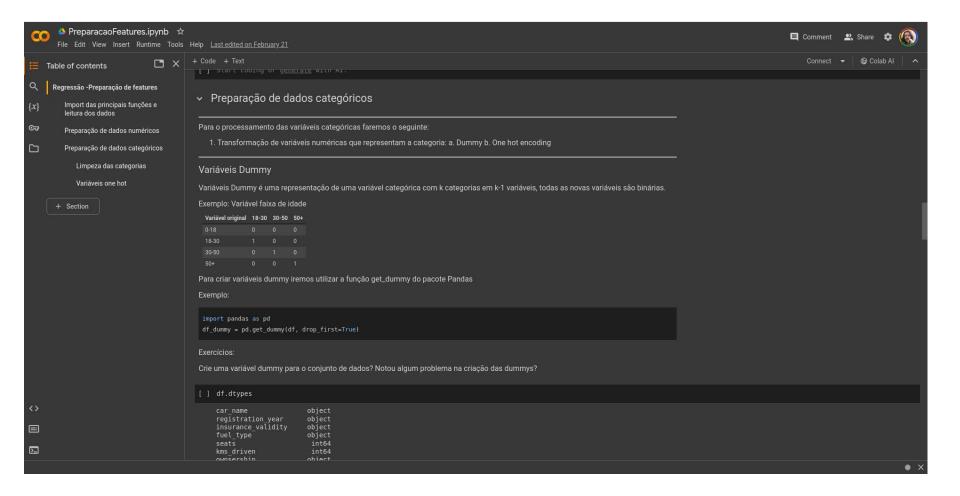


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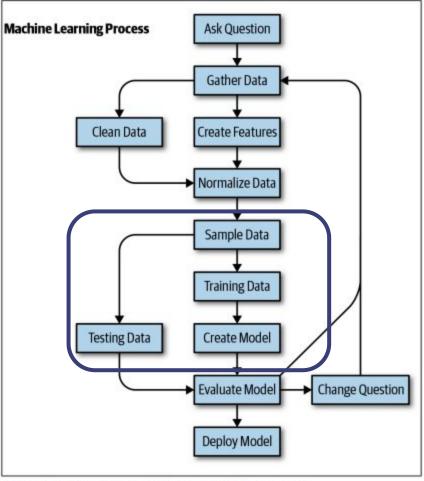
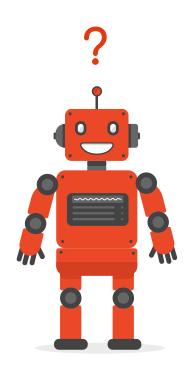
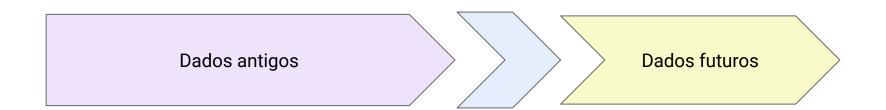


Figure 2-1. Common workflow for machine learning.

#### Porque separar o dado?





Dados antigos

Dados futuros

## Como mensurar o comportamento do modelo no novo dado? Qual é o melhor modelo?

Treino

Dados futuros

Máximo de informação para aprender sobre padrões

Cenário desconhecido para ver a performance

Teste

Aplicação do modelo + monitoramento

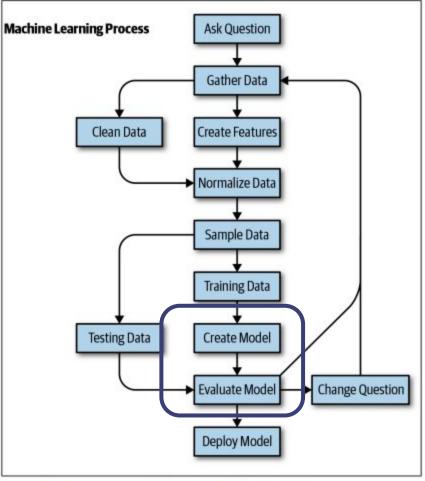


Figure 2-1. Common workflow for machine learning.

#### Seleção de modelos



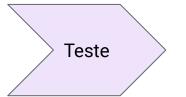


#### Regressão Logistica

Treino

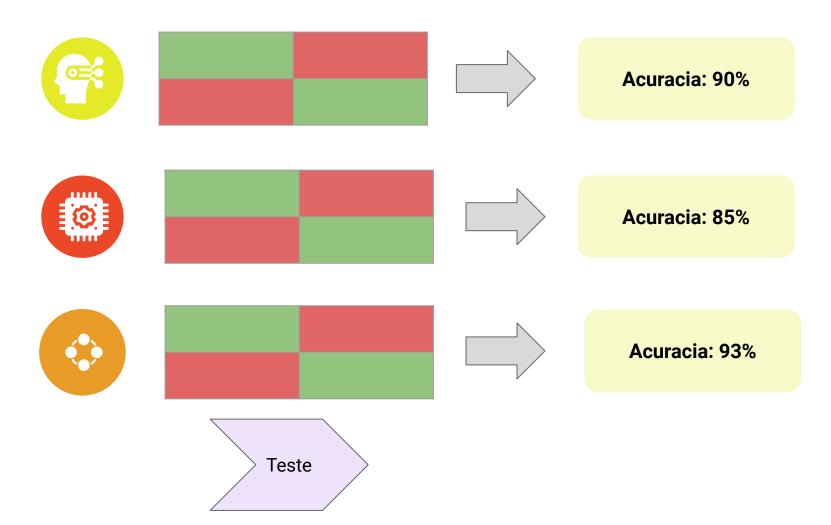


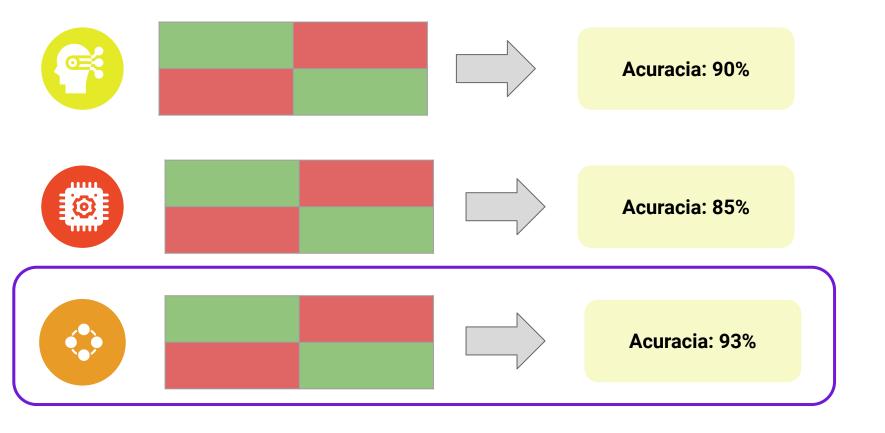
**Random Forest** 





**XGBoost** 





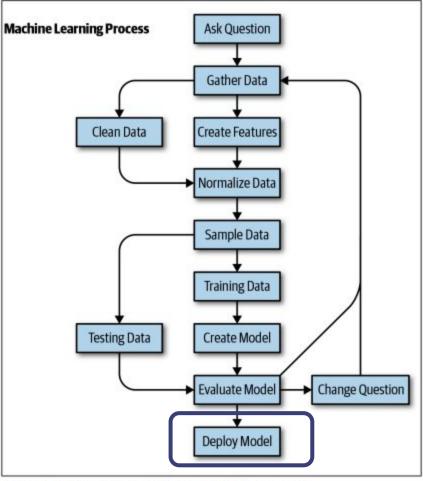
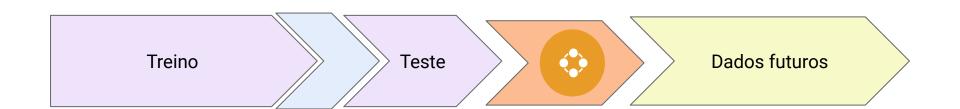


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### Hora da prática!!!!

Separação do banco

Treino do modelo

Avaliação do modelo



#### Separação do banco

Treino do modelo

Treino do modelo

Treino do modelo

Avaliação do modelo

