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Comparison of Models and Deployment Tools

APRENDIZAJE AUTOMATICO EMBEBIDO
INGENIERIA ELECTRONICA

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Outline

1. Comparison of Models - PyCaret
2. Deployment Tools

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Comparison of models

The function compare_models trains all the models in the model library using default hyperparameters and evaluates performance metrics using cross validation. It returns the trained model object class. The evaluation metrics used are:

For Classification: Accuracy, AUC, Recall, Precision, F1, Kappa, MCC.

For Regression: MAE, MSE, RMSE, R2, RMSLE, MAPE.

https://pycaret.gitbook.io/docs/get-started/functions/train

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Outline

1. Model Selection - PyCaret
2. Deployment Tools

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Deployment Tools

From Scikit-learn models:

Sklearn-porter (deprecated), micromlgen (deprecated), Eloquent – everywhereml, emLearn (keras)

From TensorFlow models:

Edge Impulse
Eloquent – EloquentTinyML, tinymlgen (deprecated),

https://github.com/eloquentarduino/everywhereml

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¡Gracias!

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