

# Model Evaluation Techniques in Machine Learning

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12-PM-ML @ iCodeGuru Week-04, Day-02

# What is Model Evaluation?

# Why is Evaluation necessary for a successful model?

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# Supervised Learning

Classification	Regression
Classification Accuracy	$R^2$ (R-Squared)
Precision	MAE (Mean Absolute Error)
Recall	MSE (Mean Squared Error)
F1 Score	RMSE (Root Mean Squared Error)
ROC/AUC	RMSLE (Root Mean Squared Logarithmic Error)
Precision-Recall AUC	MAPE (Mean Absolute Percentage Error)
Matthews Correlation Coefficient	
Log Loss	

# Conclusion

There's no "one fits all" evaluation metric

Get to know your data Keep in mind business objective of your ML problem

Apply common sense and invite domain experts