**[Randy Lao ☁️ Data Science & Machine Learning || ClaoudML.co 15m Edited](https://www.linkedin.com/in/randylaosat/" \t "_self)**

Here are some essential concepts of [#MachineLearning](https://www.linkedin.com/search/results/content/?keywords=%23MachineLearning&origin=HASH_TAG_FROM_FEED): - - -

➤ Correlation VS Causation <https://lnkd.in/g6UwetK>

➤ Regularization & Bias-Variance Tradeoff <https://lnkd.in/gcUtUWv>

➤ Train/Test Split & Cross-Validation (Overfitting & Underfitting) <https://lnkd.in/g2agyfD>

➤ Feature Engineering <https://lnkd.in/gbrvjS4>

➤ Optimization (Gradient Descent, Learning Rate, Loss Function..) <https://lnkd.in/gbJGs2H>

➤ Classification Techniques (Decision Trees, Naïve Bayes, Logistic Regression, etc..) <https://lnkd.in/gHgZ8FQ>

➤ Classification Evaluation Metrics (Precision, Recall, AUC, etc..) <https://lnkd.in/gKkuHXv>

➤ Regression Techniques (Linear, LASSO, Ridge, Etc..) <https://lnkd.in/gtftA8E>

➤ Regression Evaluation Metrics (MSE,RMSE,RMLSE,MAE) <https://lnkd.in/gJkJ2-f>

- - - All Machine Learning has some combination of these components and understanding them will definitely help you out in building/interpreting your next model. Each link will redirect you to an article that I found simple and meaningful. It covers the foundations of each concept. Hope this helps! 🙂