**QTW-Week 8 Presession Submission-Boosting**

**This week was all about Boosting**

* Boosting is a general method of using an ensemble of weak learners to produce a strong learner.
* XGBoost is an implementation of gradient boosted decision trees designed for speed and performance.
* In XGBoost hyperparameters, Alpha (L1 regularization) is off by default and lambda (L2 regularization) is on by default.
* XGBoost involves techniques like Boosting, Bagging and Regularization (From Quiz)
* Lots of literature have been using XGBoost to approach problems.

**Questions:**

How you were able to know what parameters within models to adjust to achieve desired results?