**Mercedes-Benz Greener Manufacturing**

**Insights-**

1. Removing low variance features contributes in increasing model performance.
2. No null, unique and duplicates value found in the train and test dataset
3. Hyperparameter tuning prevents the overfitting of model.
4. Adding PCA featurization (try to keep 95% important data) which helps in dimensionality reduction of models, which contributes in decreasing Rmse.
5. Predicted the test\_data using XGBoost.