**704**

**Target:** ActivePower

Data preprocessing:

* Delete samples with missing values
* Isolation Forest outlier detection
* Data randomization
* Data Normalization
* 5-fold cross-validation
* Models: Decision Tree Regression (DTR), Light gradient boosting regression (LGBR) and ADABoost regression (ADAR).
* Optimizers: Crested Porcupine Optimizer (CPO) and Partial Reinforcement Optimizer (PRO).
* Ensemble: DST for optimizers with models.
* Metrics: R2-RMSE-RAE, n10index, and NSE.
* Sensitivity Analysis: SHAP