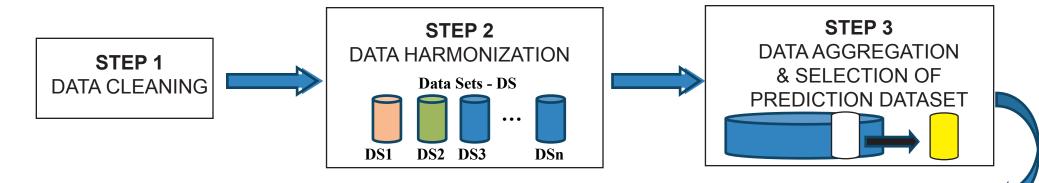
## DATA PROCESSING



## **COMPRESSIVE BIG DATA ANALYTICS - CBDA ALGORITHM**

STEP 4 RANDOM SAMPLING FROM AGGREGATED DATASET

• • • • • • •

M

## STEP 5 **DATA IMPUTATION** & NORMALIZATION

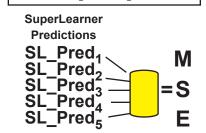
STEP 6

Knockoff filter & SuperLearner algorithms

SuperLearner	SuperLearner
Objects	<b>Predictions</b>
SL <sub>1</sub> SL <sub>2</sub> SL <sub>3</sub> SL <sub>4</sub> SL <sub>5</sub>	SL_Pred <sub>1</sub> SL_Pred <sub>2</sub> SL_Pred <sub>3</sub> SL_Pred <sub>4</sub> SL_Pred <sub>5</sub>

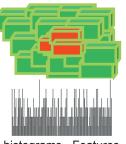
 $SL_{M}$ SL\_Pred<sub>M</sub>

STEP 7 **GENERATING** Mean Square Errors [MSE]



SL\_Pred<sub>M</sub>

STEP 8 **MODEL MINING** 



histograms - Features