PREDICTING THE ENERGY OUTPUT OF WIND TURBINE BASED ON WEATHER CONDITION

SOLUTION ARCHITECTURE

**MACHINE LEARNING ALGORITHM**

Data processing modules

*PREPAREDDATA*



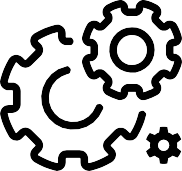
SCADA

RAW DATA

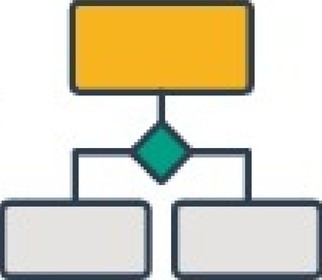
Data

**10001**

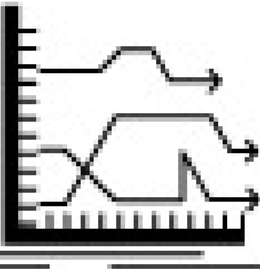
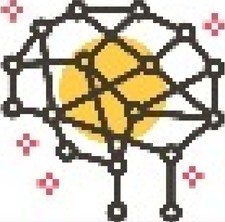
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Data preprocessing

FEATURE EXTRACTION APPLY ALGORITHM

***MODEL***

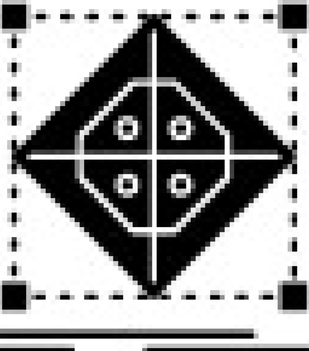
 

***PREDICTIVE MAINTENANCE***

***BUILDENSEMBLE***

***MODEL***

***MODEL***

***SELECTION***