

Poster

```

graph TD
    Input["INPUT: 80 building energy efficiency, latitude, time and month of the year  
OUTPUT: 2000 energy consumption, previous value output"]
    GeneralData["General data"]
    Calculated["Calculated 20 and 40 kWh On time number and 20 and 40 second demand"]
    Train["Train (20%)"]
    Test["Test (20%)"]
    ModelTraining["Model training  
Type parameter learning - random forest  
Hyperparameter learning - grid search  
Final model"]
    ValidationModel["Validation model"]
    TestingEval["Testing and evaluation"]
    Output["Output"]

    Input --> GeneralData
    Input --> Calculated
    GeneralData --> Train
    Train --> ModelTraining
    Calculated --> Test
    Test --> ValidationModel
    ModelTraining --> TestingEval
    ValidationModel --> TestingEval
    TestingEval --> Output
  
```

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