

consumption in the building with environment condition data Goal How can be environment parameter inside the building predict energy consumption? How can be environent parameter outside the building predict energy consumption? **Problem statement** How can predict energy consumption of the building using environment parameter? **Machine Learning** Environment parameter can predict **Project (Predicting** electronic applicances energy **Applicance Energy** consumption Environment parameter can't **Consumption**) Hypothesis predict electronic applicances energy consumption Weather parameter have been proven to predict the electricity energy consumption The occupancy level of the building different locations could aslo help to determine the use of the applicances Clothes dryer have large power demand Refrigerators and entertainment system are important variable to determine daily minimum consumption **Literature Review** The pattern use of applicances can vary significantly (nearly flat for refrigation equipment, while it's highly variable for devices such as cltohes washers, clothes dryer and dishwater. For highly insulated buildings, the thermal influence of applicances on internal gains become more important and relevant in building energy performance

Predict electronic applicance energy

**⋈** mindmaster