

Brief Article

The Author

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1 Name of the project

Recognizing home activity Activity recognition in a temporal scenario to generate schedules.

2 Some description of the problem, and why it is interesting/challenging.

Discover human activity

Sensor values identify the labels;

User comfort versus near optimal schedule

1 month dataset; 25Feb to 1 March Imbalanced class problem where the total number of a class of data (positive) is far less than the total number of another class of data (negative) machine learning algorithms and works best when the number of instances of each classes are roughly equal

3 Methods that might be explored to solve it.

4 Timeline for finishing the project.