Algorithm

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Importing necessary packages/Libraries

```
invisible(library(dplyr))
invisible(library(lubridate))
invisible(library(caTools))
invisible(library(data.table))
```

Generating the dataset

```
##
     crowd booked on_time
## 1
        28
               43
## 2
        26
               39
                         1
## 3
        31
               35
                         1
               43
## 4
        20
        27
               35
## 5
                         0
## 6
        23
```

Generating an algorithm to label the datasets

Each record is considered as a bus and the label is the indication given to the bus driver whether to maintain speed, decrease speed, or to increase represented by 0,1,2 respectively