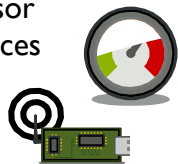


Sensor
Devices



Raw Data

PAA/SAX

"ghg", "hhh", "hhh", "hgh",
"jkj", "kkk", "kkk", "jjj",
"bba", "abb", "bbb", "aaa",
"eee", "dee", "edd", "ddd"

Patterns

Labeling Rule
Engine

"High_tempm_steady",
"Medium_wspdm_steady",
"Low_vehicleCount_decreasing",
"Medium_avgSpeed_increasing"

Correlations
between
labels

LDA Model

$0.287 * \text{Low_vehicleCount_slowly_decreasing} +$
 $0.175 * \text{Medium_tempm_steady} +$
 $0.155 * \text{Low_vehicleCount_downward_peak} +$
 $0.113 * \text{Medium_avgSpeed_steady}$

Train & Update

Virtual Documents

