Student Information

Full Name : Can Erdoğar
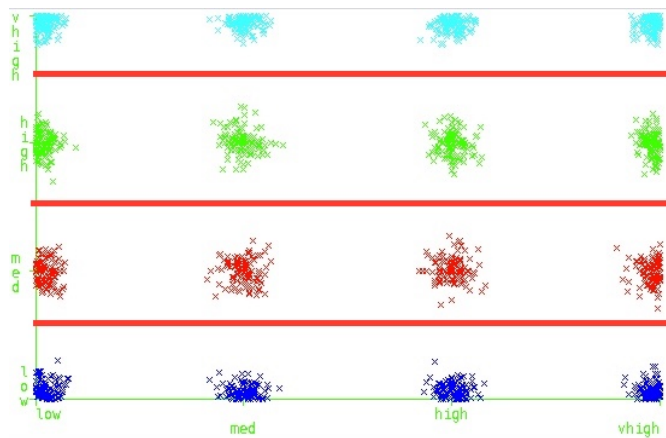Id Number : 1942069

2.3 Data Visualization

2.3.1

Linear separability is a geometric property of a pair of sets of points.Two sets are linearly separable if there exists at least one line in the plane with all of points of the one set on one side of the line and all points of the other set on the other side.

2.3.2

The plot above shows the data with attributes price and maintenance-cost. As you can data is separable with lines.Therefore, it's linearly separable.

2.3.3

No. When data is visualized it's easy to see that data can not be separated with lines such that each side of the line consists of only one type of set.

2.3.4

MLP. It gave the most accurate results.