**Problem Statement:-** customer’s requirement of specification in

buying a new phone

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Data that customer buy a smartphone or not:-  If buy:-1  Else :-0   |  |  | | --- | --- | | **Input** | **output** |  |  |  |  |  |  | | --- | --- | --- | --- | --- | | Low cost | High processor | Good ram | Good camera | Buy | | 1 | 1 | 1 | 1 | 1 | | 1 | 1 | 1 | 0 | 1 | | 0 | 1 | 1 | 1 | 1 | | 1 | 1 | 0 | 0 | 0 | | 0 | 0 | 1 | 1 | 0 | | 1 | 0 | 0 | 1 | 0 | |

**Conclusion:-** This data is linear seperable. If the smartphones’s cost

is low,it has a good processor and good ram then it is higher chances that

customer will buy smartphone