



Fig(1): A fuzzy logic system which accepts imprecise data and vague statements such as low, medium, high and provides decisions.

Classical Sets and Fuzzy Sets

- The classical set is defined using definite or crisp boundaries. This means that there is no uncertainty involved in the location of the boundaries for these sets. The crisp sets are sets without ambiguity in their membership.
- the fuzzy set is defined by its properties, hence the boundaries are specified ambiguously. and The fuzzy set theory is very efficient in dealing with the concepts of ambiguity.
- The fuzzy sets are dealt with after reviewing the concepts of the classical or crisp sets.