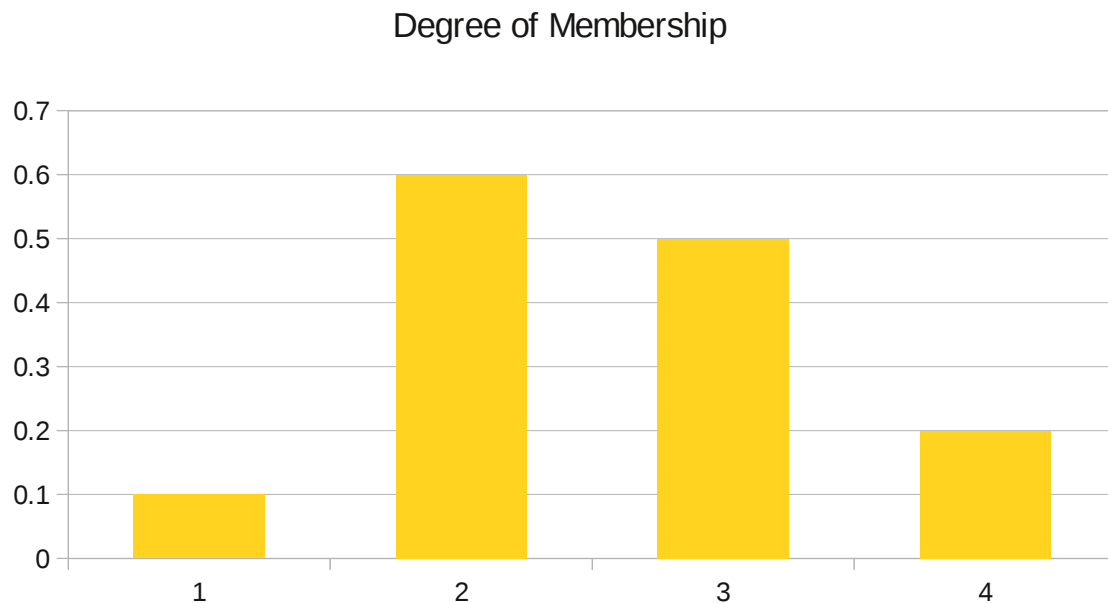$0.4 \cap 0.1 = 0.1 \cap 0.875 = 0.1$
$0.6 \cap 0.9 = 0.6 \cap 0.7 = 0.6$
$0.8 \cap 0.7 = 0.7 \cap 0.5 = 0.5$
$0.6 \cap 1 = 0.6 \cap 0.2 = 0.2$

Degree of Membership

Job 2 has the highest degree of membership to the "satisfying" fuzzy set, and so would be the most satisfying job according to these criteria.

If the rule is changed, it produces the following results:
$0.4 \cap 0.1 = 0.46 \cap 0.875 = 0.9325$
$0.6 \cap 0.9 = 0.96 \cap 0.7 = 0.988$
$0.8 \cap 0.7 = 0.94 \cap 0.5 = 0.97$
$0.6 \cap 1 = 1 \cap 0.2 = 1$

In this case, Job 4 would have the highest degree of membership to the "satisfying" fuzzy set, changing the above answer.