Q&A Super AGI

Q2) a. We have too little data to conclude that A is better or worse than any other template with 95% confidence.

Q3) Time Complexity: O(m*k + n)

where, m is the number of training examples

k is the average number of non-zero entries in each train example

n is the number of features.

Q4)

Q5) Using a Binomial distribution as my likelihood, here are the estimates for p.

1. Maximum likelihood estimate (MLE) = k/n
2. Bayesian Estimate of mean = (k+1)/(n+2)
3. MAP estimate with uniform likelihood is the same as MLE = k/n