1.a.

==== Training model on data set A ====

Finished 10000 iterations

Finished 20000 iterations

Finished 30000 iterations

Converged in 30364 iterations

==== Training model on data set B ====

Finished 10000 iterations

Finished 20000 iterations

Finished 30000 iterations

Finished 40000 iterations

Finished 50000 iterations

…

Model B does not converge even after 20 Million + iterations

2.