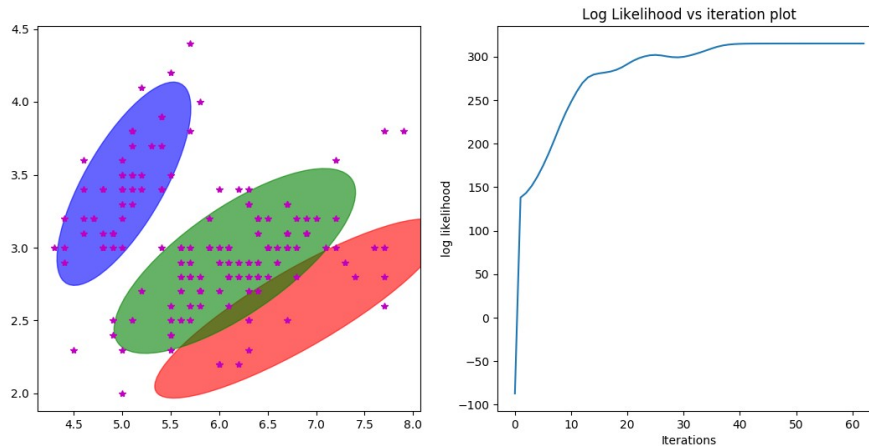
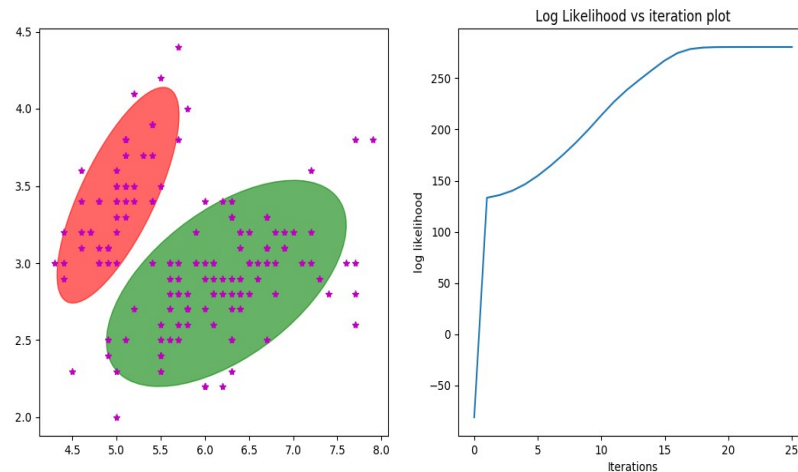


Evaluation using :- Log Likelihood Estimation

We are evaluating the gaussian mixture models by using log likelihood estimation.

We find that the log likelihood for 3 gaussian models is more than the 2 gaussian models. But for the case of 4 gaussian models the overlapping of clusters makes 3 gaussian model a better clustering option even if the log likelihood is slightly better for 4 gaussian models

k=270



k= 3 (310)

k=4(320)

