Probabilistic Graphical Models Assignment 1

This submission is made by Group 19 for PGM Assignment 1.

Group 19

Members as follows

Name	BITS ID	Contribution
Vinayak Nayak	2021fc04135	100%
Shreysi Kalra	2021fc04586	100%
Karan Khajuria	2021fc04951	30%

We have structured our solution in two parts, first we solved manually and next we solved using pgmpy as well. Mentioned both the solutions on the subsequent pages.