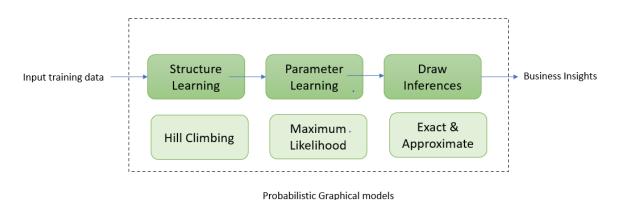
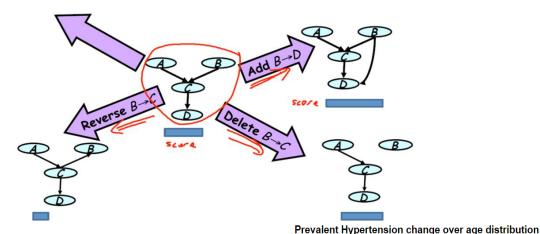
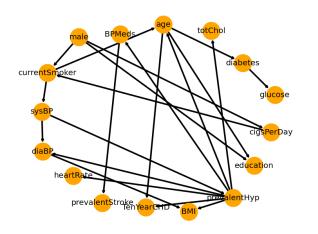
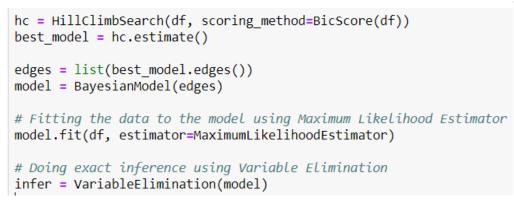
## How to learn the Bayesian structure?

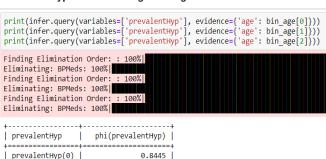








- Network constructed using pgmpy
- Pre-requisite: discrete features
- Binning Methods: EqualFrequencyDiscretiser (divides continuous numerical variables into intervals that contain approximately the same proportion of observations)
  - Other options: EqualWidthDiscretiser (creates equidistant intervals) and KBinsDiscretizer



prevarencilyp	phi(prevalenthyp)
prevalentHyp(0)	0.8445
prevalentHyp(1)	0.1555
4	
prevalentHyp	phi(prevalentHyp)
prevalentHyp(0)	0.6649
prevalentHyp(1)	0.3351
prevalentHyp	phi(prevalentHyp)
prevalentHyp(0)	0.4938
prevalentHyp(1)	0.5062