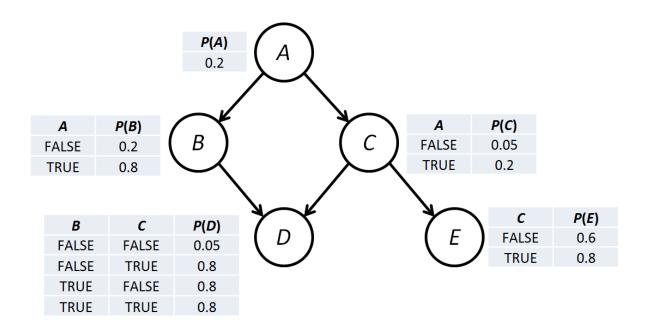
CENG 461: Artificial Intelligence Homework #2 Bayesian Networks



For the given Bayesian Network, you are expected to implement a Python program to calculate P(+D), P(+D,-A), P(+E|-B), P(+A|+D,-E) and P(+B,-E|+A) using:

- 1. Variable elimination (using the **pgmpy** package)
- 2. Monte Carlo technique (using your own sampling implementation)