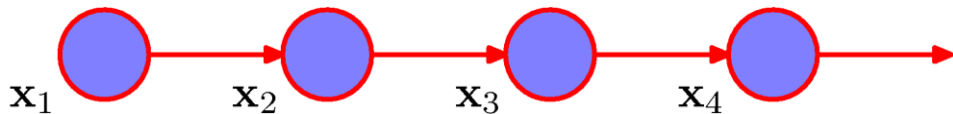


1<sup>st</sup> order

$$p(\mathbf{X}) = \prod_{i=1}^n p(X_i | X_{i-1})$$



2<sup>nd</sup> order

$$p(\mathbf{X}) = \prod_{i=1}^n p(X_i | X_{i-1}, X_{i-2})$$

