Markor Chain

$$P = \begin{bmatrix} 0.4 & 0.3 \\ 0.6 & 0.7 \end{bmatrix} \begin{bmatrix} 0.3 \\ 0.7 \end{bmatrix} = P_1$$

$$P_{1} = \begin{bmatrix} 0.4 \times 0.3 + 0.7 \times 0.3 \\ 0.6 \times 0.7 + 0.7 \times 0.7 \end{bmatrix} = \begin{bmatrix} 0.33 \\ 0.67 \end{bmatrix}$$

