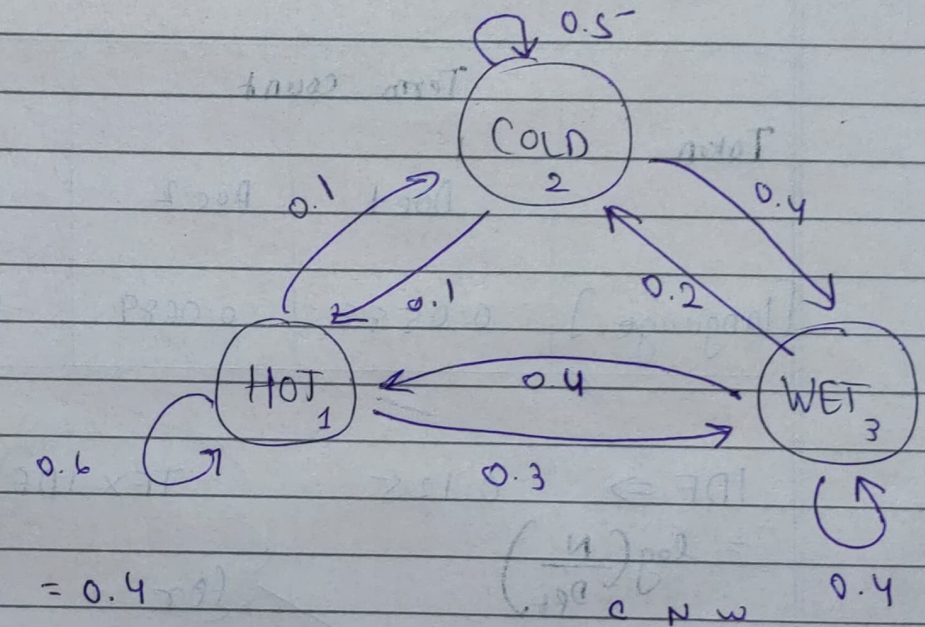
U19CS012

1.> Start distribution

$\Pi = [\pi_1, \pi_2, \pi_3]$

$\rightarrow [0.6, 0.3, 0.1]$

P(Hot) = 0.6 P(wet) = 0.3 P(cold) = 0.1



P(Hot | <s>) = 0.4

P(cold | <s>) = 0.3

P(wet | <s>) = 0.3

C N W

C

N.

W

cotton → wool → nylon → cotton

H 0.6 → 0.4 → 0.05 (0.1) 0.15 →

W 0.3 → 0.3 →

C 0.1 → 0.3 →

old

$$\left[\text{argmax} \prod_{i=1} P(w_i|t_i)\, P(t_i|t_{i-1}) \right]$$

vision