Beam search algorithm

$(B = 3)$

Step 1   Step 2

10000

$$P(y^{<1>}, y^{<2>} \mid x) = P(y^{<1>} \mid x) \, P(y^{<2>} \mid x, y^{<1>})$$

$P(y^{<2>} \mid x, \text{"in"})$

$P(y^{<2>} \mid x, \text{"jane"})$

$y^{<1>}, y^{<2>}$

10,000

Andrew Ng