

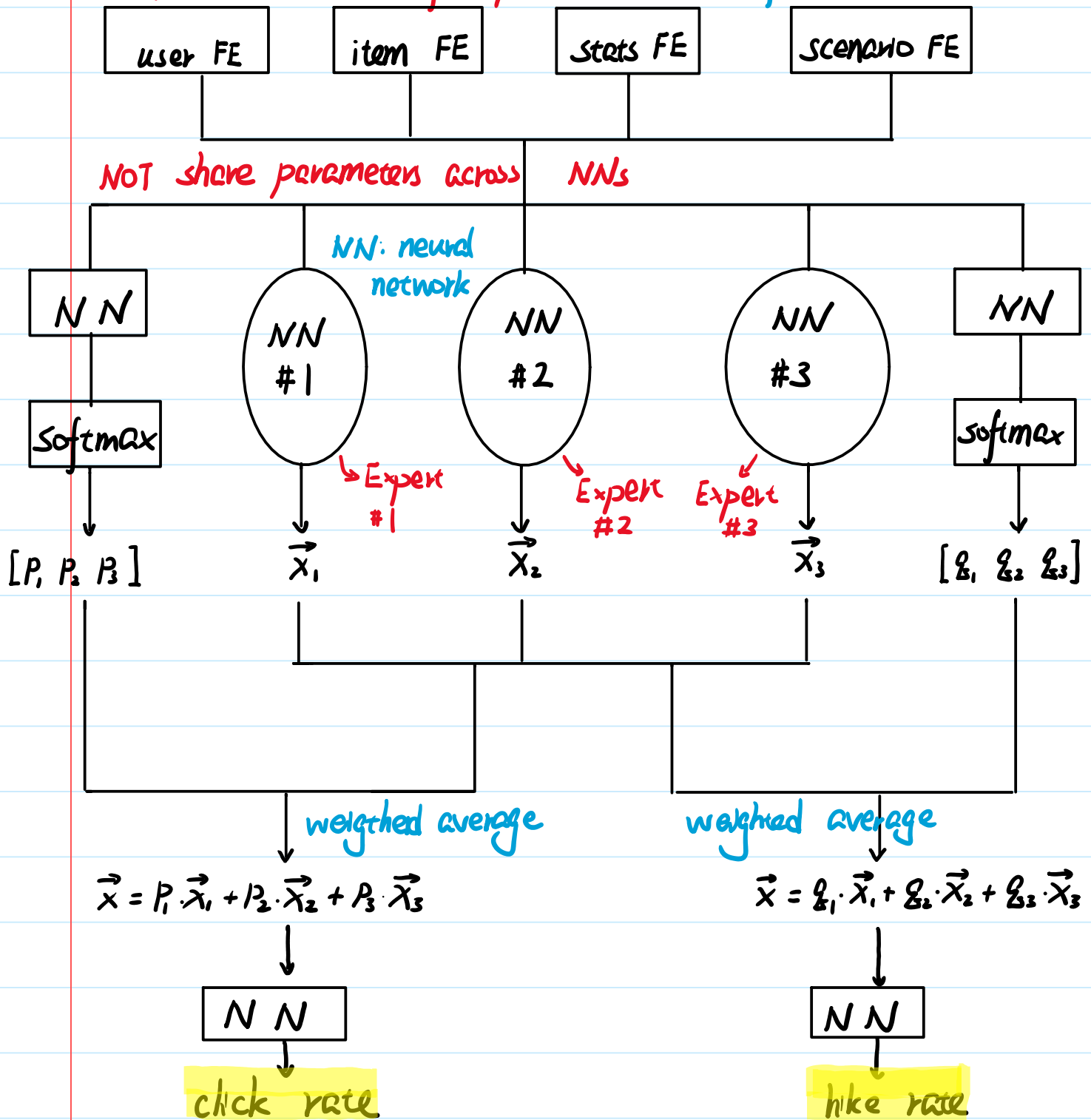
Multi-Gate Mixture-of-Experts

Saturday, March 30, 2024

9:52 AM

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FE: feature



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Issues:

$\text{softmax} \rightarrow [0.01, 0.98, 0.01]$

when weighted average, two experts become zero.

Solution:

Drop out: $[P_1, P_2, P_3]$

Each element from softmax result has 10% probability to be dropped.

Practice:

- ① # of experts: 4 ~ 8 (it's 3 in this note)
- ② May not improve outcome