

Input Sequence (x_t)

The diagram shows a sequence of tokens from a neural network's hidden state. The tokens are represented by colored boxes: light blue for PROMPT, SRC, TGT, GRAPH, FB, and FB; orange for numbers (0-4); black for [MASK]; and white for NODES. Brackets indicate grouping: (0 1 FB [MASK]), (0 2 FB [MASK]), (0 3 FB [MASK]), (0 4 [MASK] FB), (1 2 FB [MASK]), (1 3 FB [MASK]), (1 4 FB [MASK]), (2 3 FB [MASK]), (2 4 FB [MASK]), (3 4 FB [MASK]), (2 0 FB [MASK]), (3 1 FB [MASK]), (4 2 FB [MASK]), (1 0 FB [MASK]), (3 0 FB [MASK]), (4 1 FB [MASK]), (4 3 FB [MASK]), and (0 [MASK] [MASK]).

Remask ($c[0]$)

Insert ($c[1]$)

Delete (c[2])

Next Sequence (x_{t+1})

PROMPT SRC 0 TGT 4 GRAPH (0 1 FB [MASK]) (0 2 FB [MASK]) (0 3 FB [MASK]) (0 4 [MASK] FB) (1 2 FB [MASK]) (1 3 FB [MASK]) (1 4 FB [MASK]) (2 3 FB [MASK]) (2 4 FB [MASK]) (3 4 FB [MASK]) (2 0 FB [MASK]) (3 1 FB [MASK]) (4 2 FB [MASK]) (1 0 FB [MASK]) (3 0 FB [MASK]) (4 1 FB [MASK]) (4 3 FB [MASK]) NODES (0 [LVL0] [NIL]) (1 [INF] [NIL]) (2 [INF] [NIL]) (3 [INF] [NIL]) (4 [INF] [NIL])