$\mathcal{H} = \{h_1, h_2, h_3\}$ hypothesis space **Transformer** $[P, P, a_1, 0, ;, a_2, 1, ;, a_3, 0, >, B,]$ $P, P, a_1, 1, 1, a_2, 0, 1, a_3, 1, >, C,$ $a_1, 1, ;, a_2, 0, >$ P, P, N, N, N, N, N, N, N, N, >, D,context query $P, P, a_1, 1, ;, a_2, 1, ;, a_3, 0, >, A$ $\mathbf{D} = \{(a_1, 1), (a_2, 1)\}$ hypothesis prefix hypothesis table dataset