

VERSION Q "AWAKE" SYSTEM ARCHITELTURE ACCESS "PRIORITY" TOKENS INPUT (S) + (FEEDBACK (I)) & "PATH" FROM T-1 (IF "NEGATIVE") (IF "POSITIVE") (IF "NEUTRAL") BOOST CHOSEN PATH DISCOURAGE CHOSEN PATH BUFFER (T) BOOST CHOSEN PATH 4 TOKENS IN "PRIORITY" BY b 4 TOKENS IN PATH BY C 4 TOKENS IN "PRIORITY" BY a DAILY BUFFER (T) (ELSE) (IF BUFFER IS FULL) PLACE CHOSEN TRANSFORMER PATH IN SEQUENCE TEXT MEMORY (T) CLEAR BUFFER (T) (GENERATION TRANSFORMATION) TRANSFORMER SEQUENCE RETRAIN TOKENIZER LAYER NORM) (MAX_TOKENS) X GET NEW VOLAB (D) LINEAR NEW VOLAB SIZE (I) SOFT MAX GENERATION) UPDATE EMBEDDING TABLES DECODE + CONCATENATE) + (ADD LINEAR TO MOBEL) UPDATE Q-MATRIX RETURN RESPONSE ENCODE INPUT (4) GET EMBEDDINGS (L) SINGLE-HEAD (L) (FORWARD) ATTENTION EXTRACT "PRIORITY" TOKENS OF INPUT GET TRANSFORMER "PATH" FROM Q-VALUES (V)