

FIGURE 1. Freeways in Salt Lake County

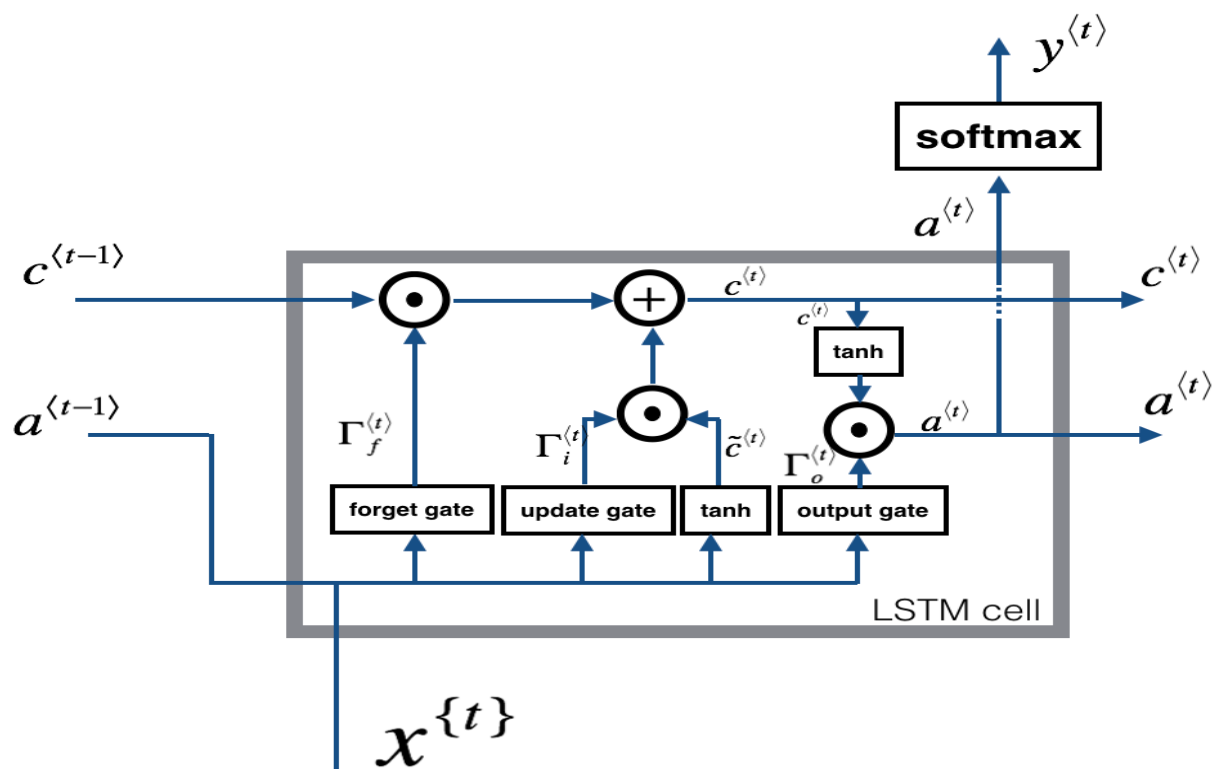


FIGURE 4. Diagram of an LSTM Cell

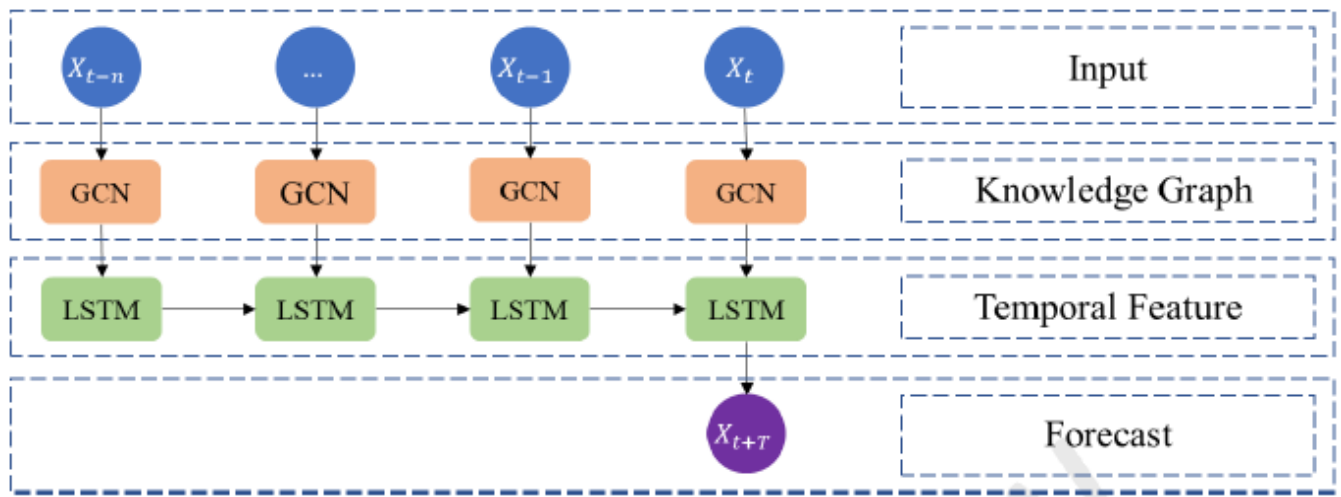


FIGURE 5. GCN-LSTM Model Structure

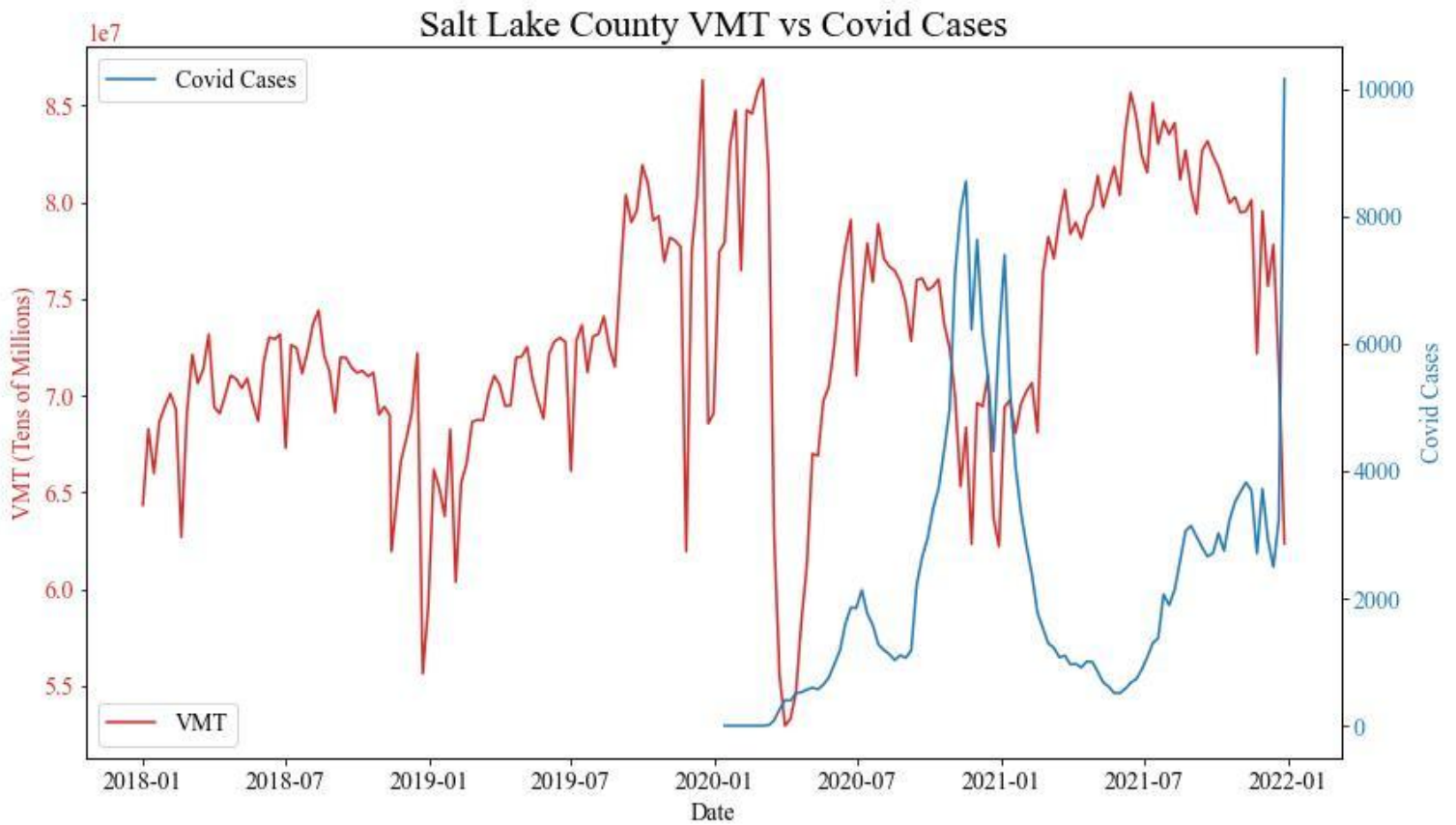


FIGURE 2. Salt Lake County VMT Versus Number of New Covid Cases

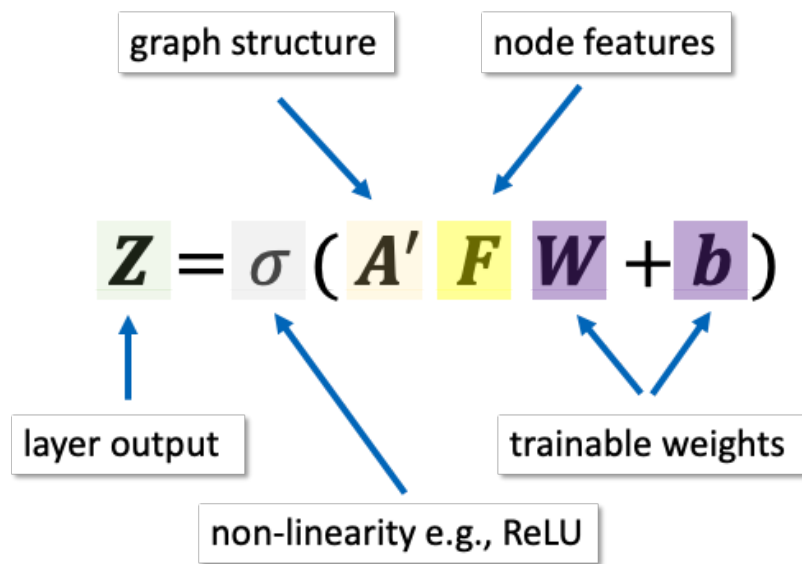


FIGURE 6. GCN Trainable Parameters

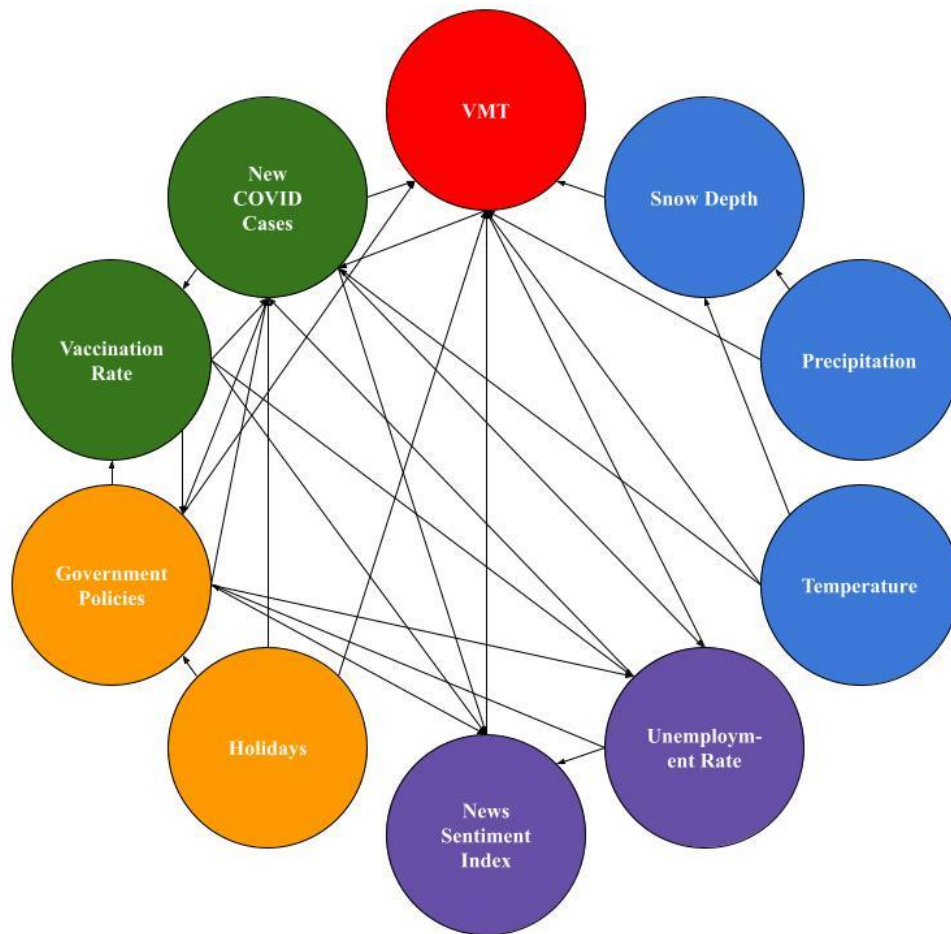


FIGURE 7. GCN Knowledge Graph Depiction

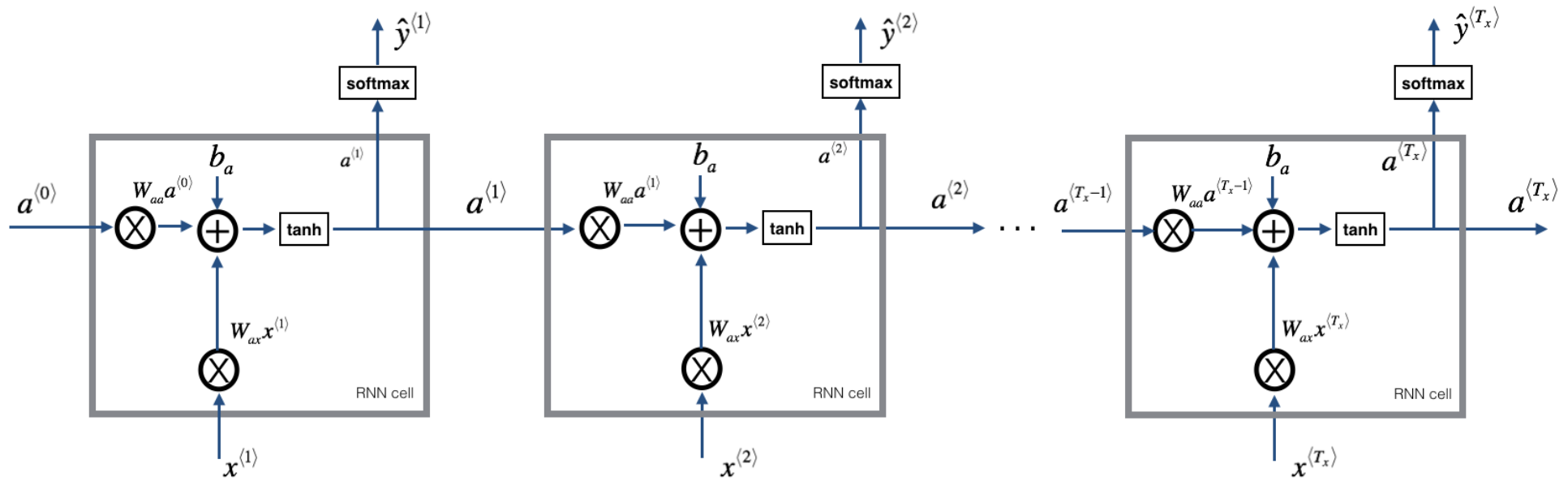


FIGURE 3. Diagram of an RNN

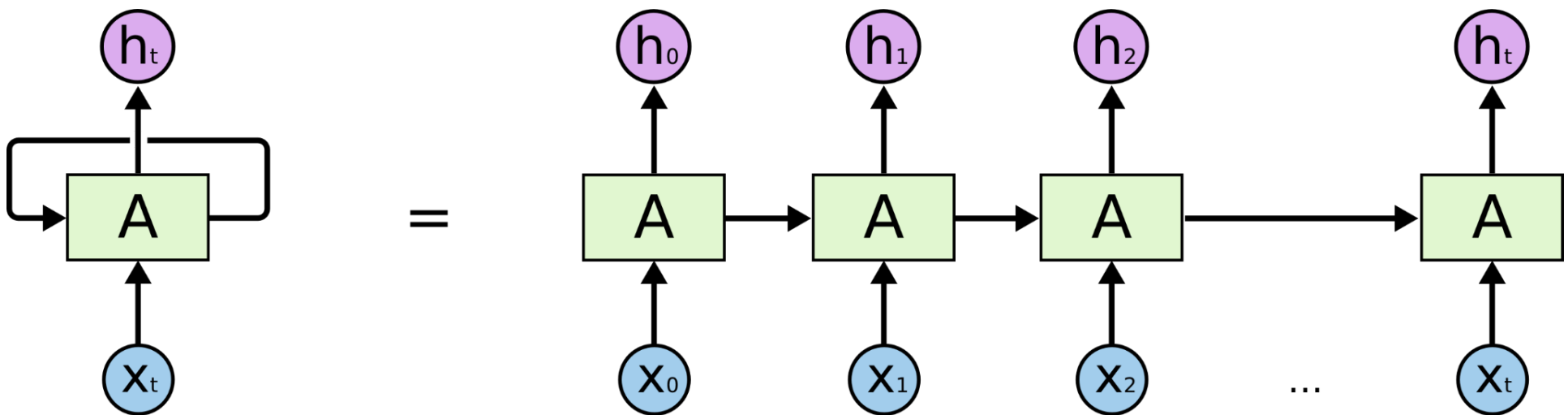


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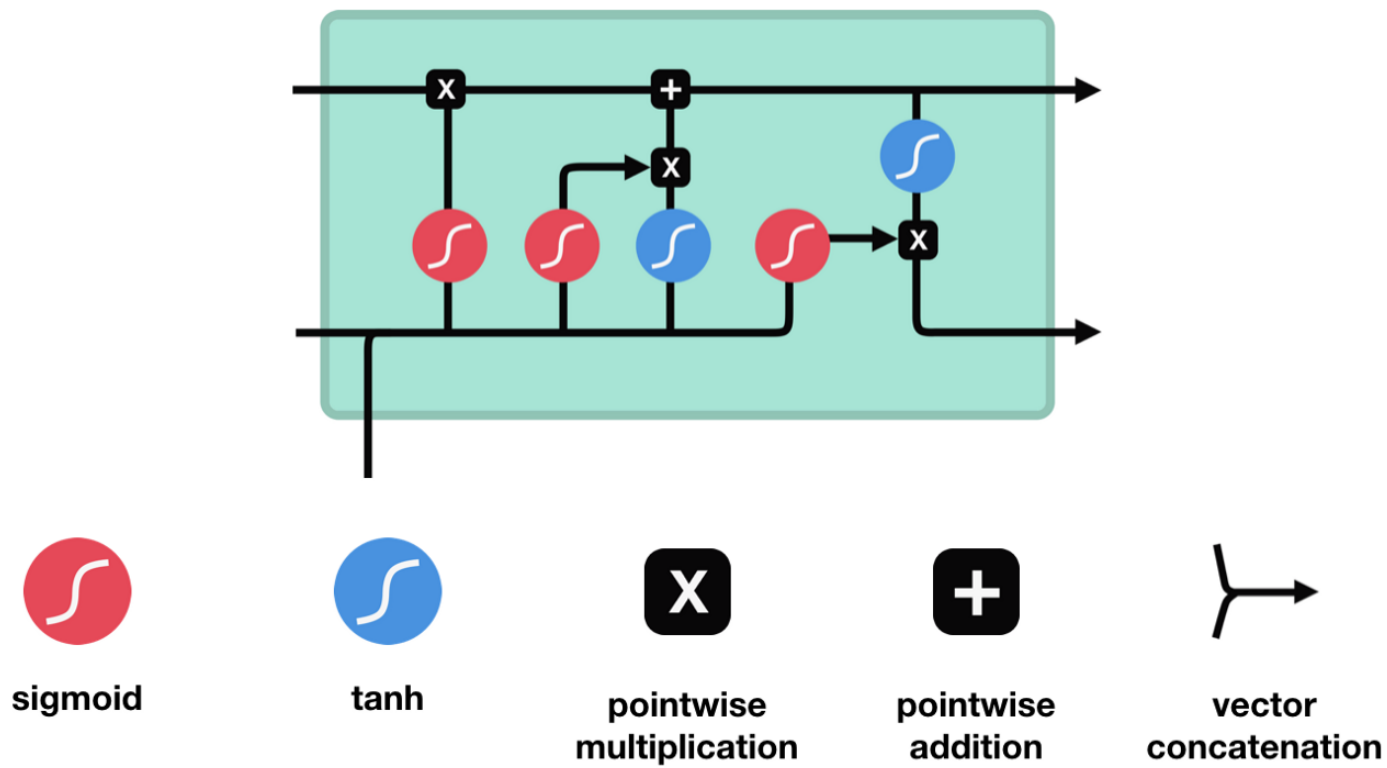


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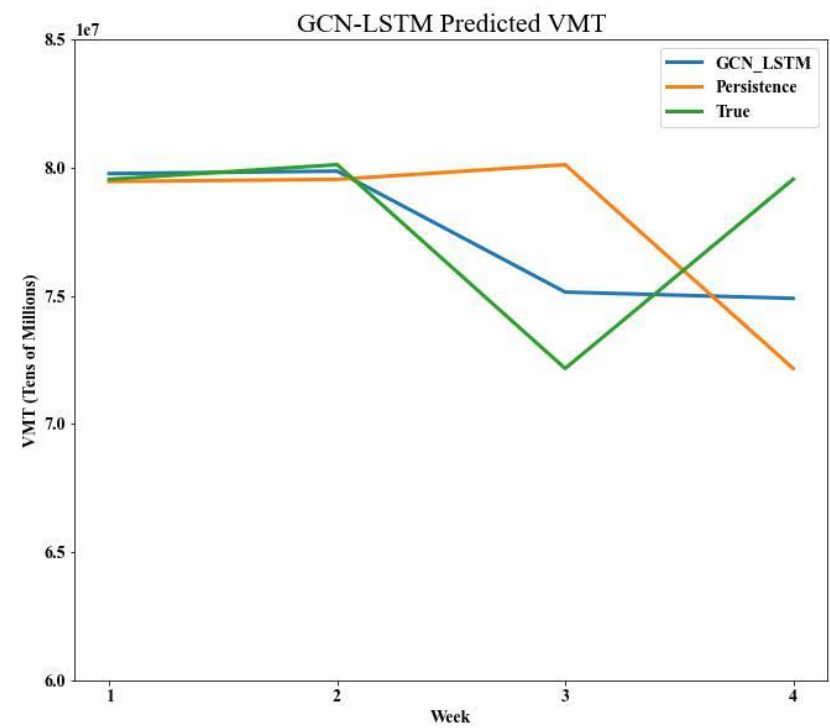
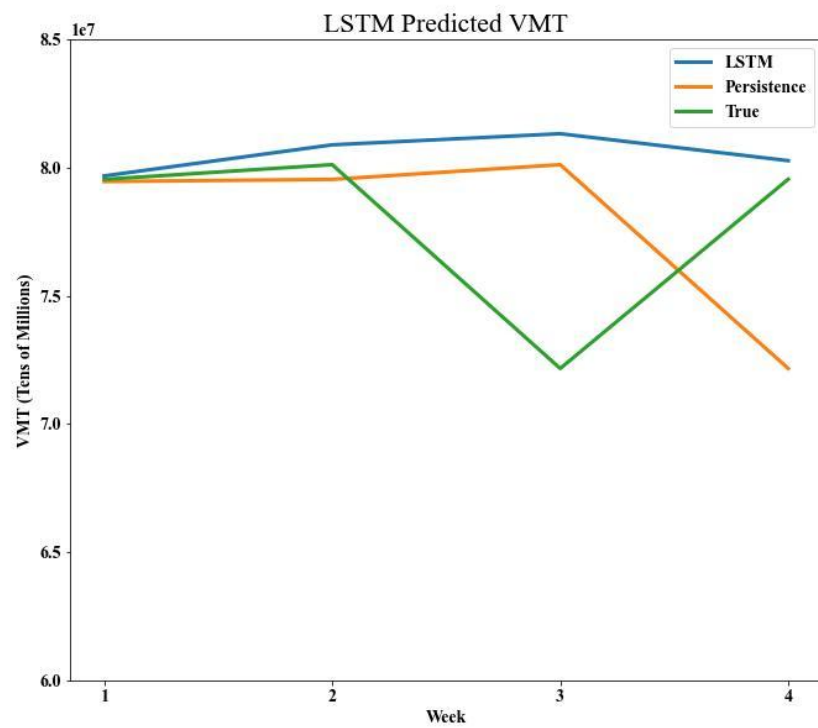
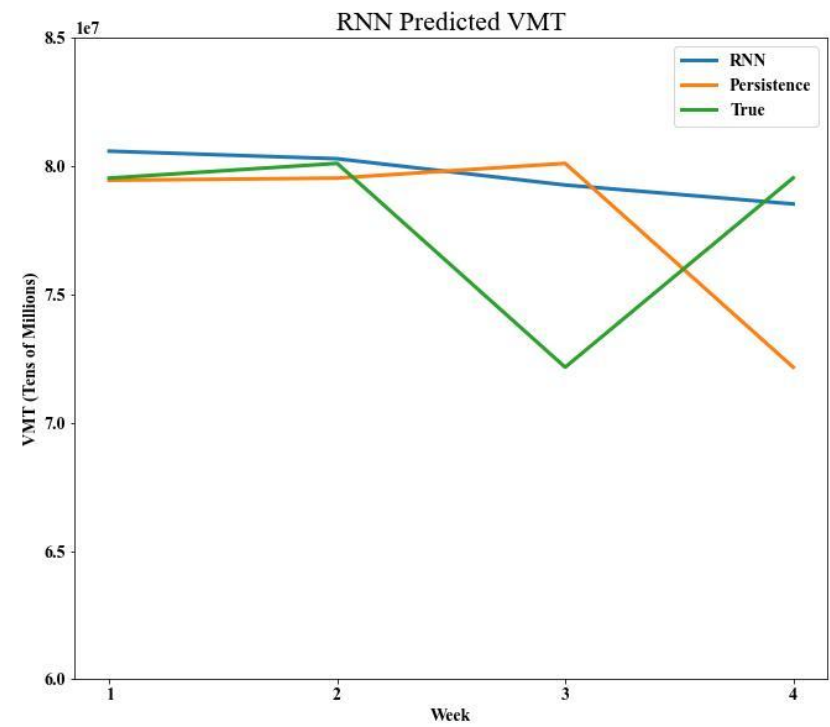
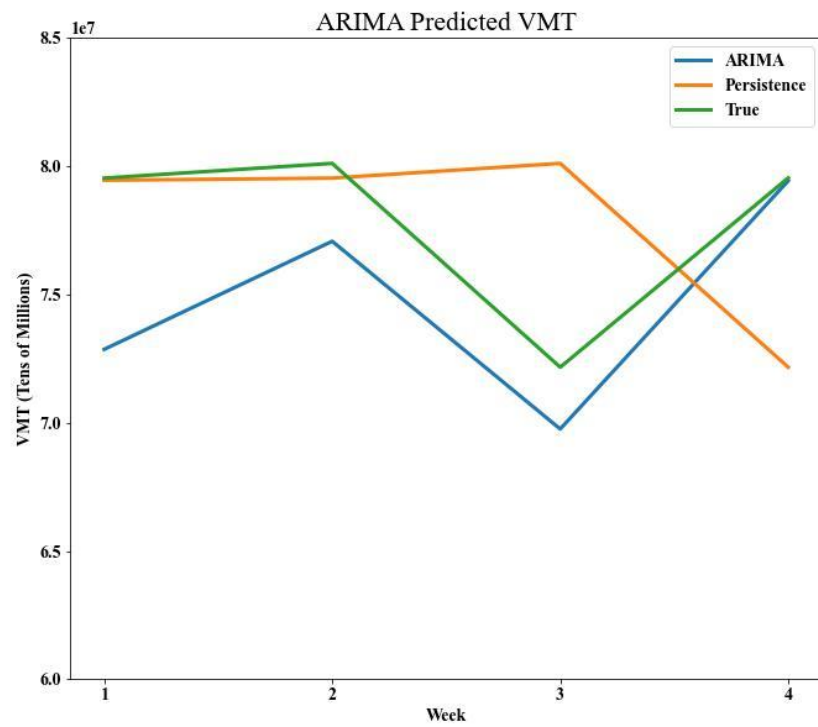
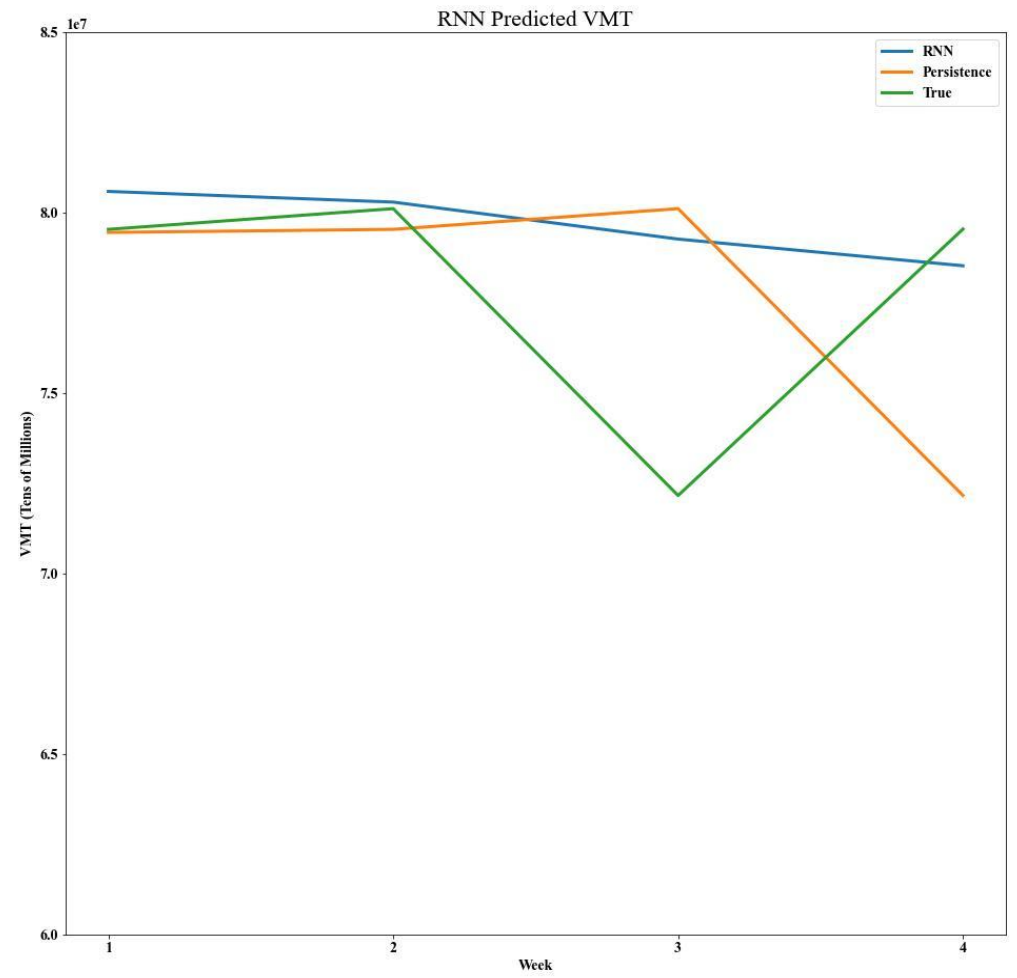
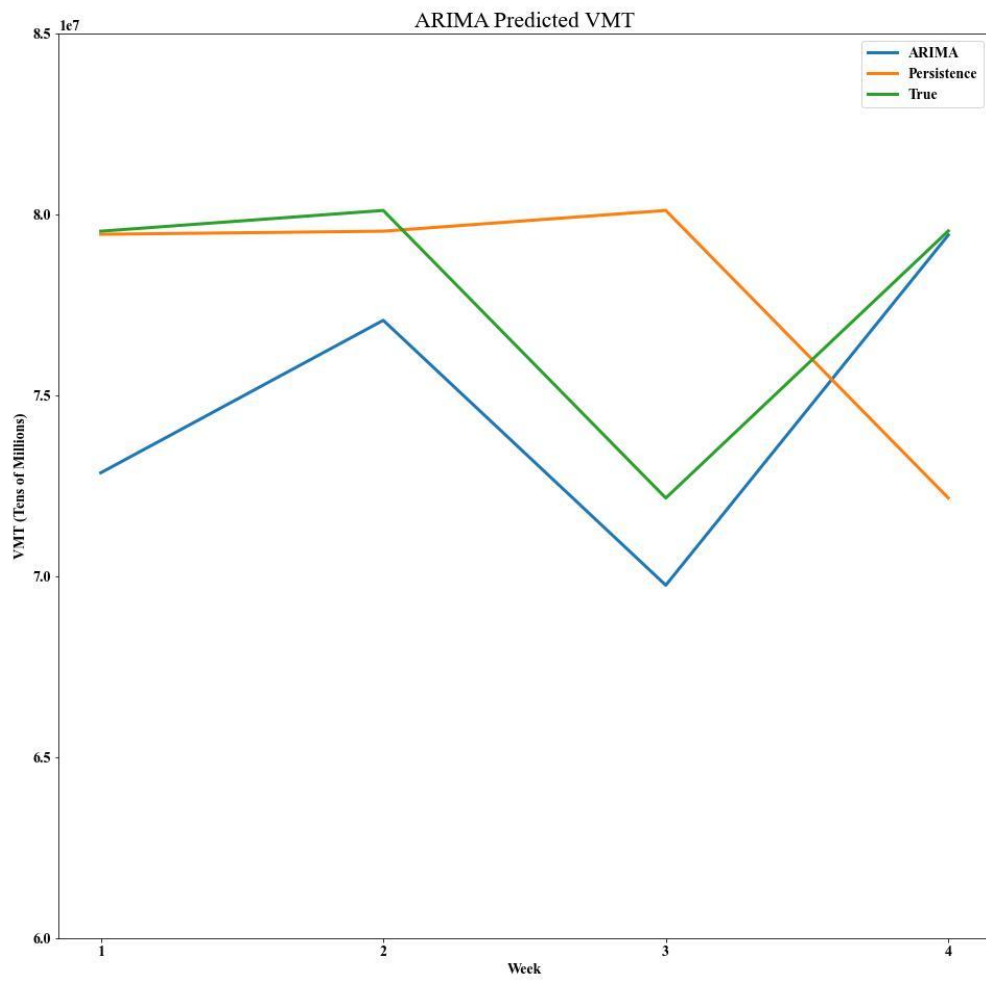


FIGURE 8. Model Predictions



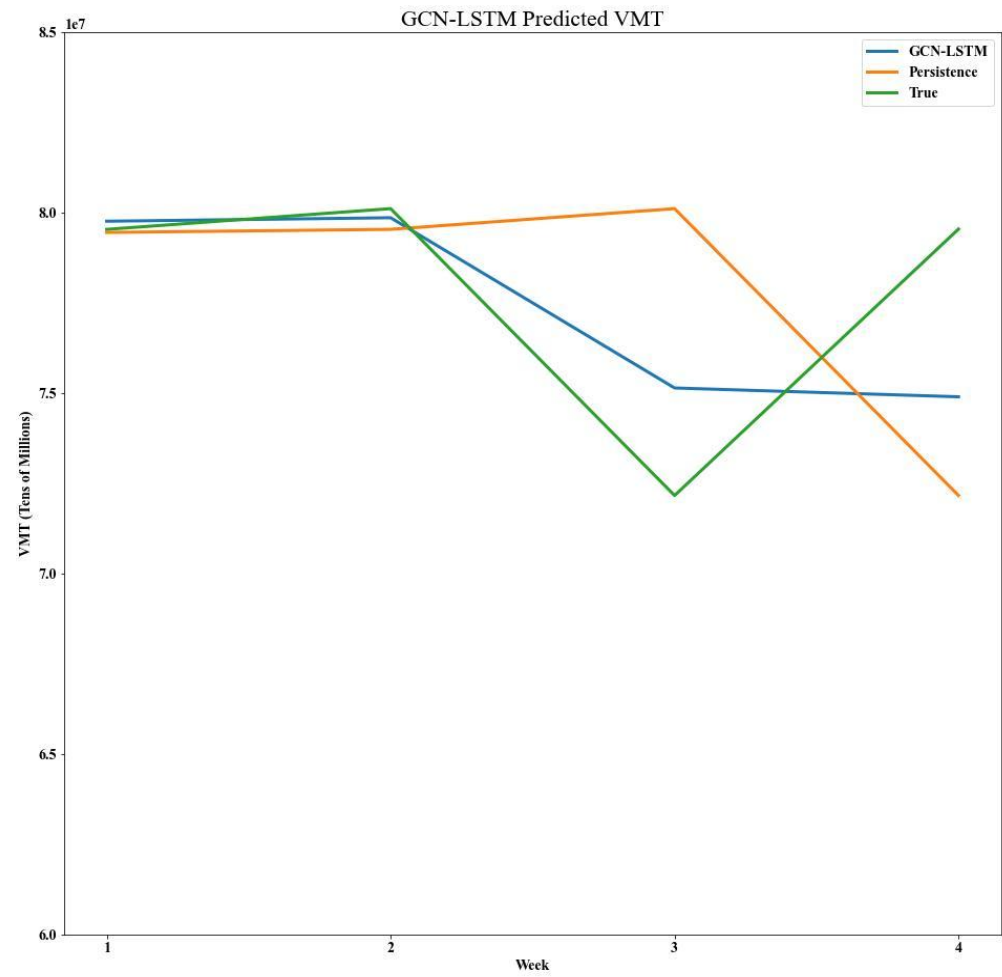
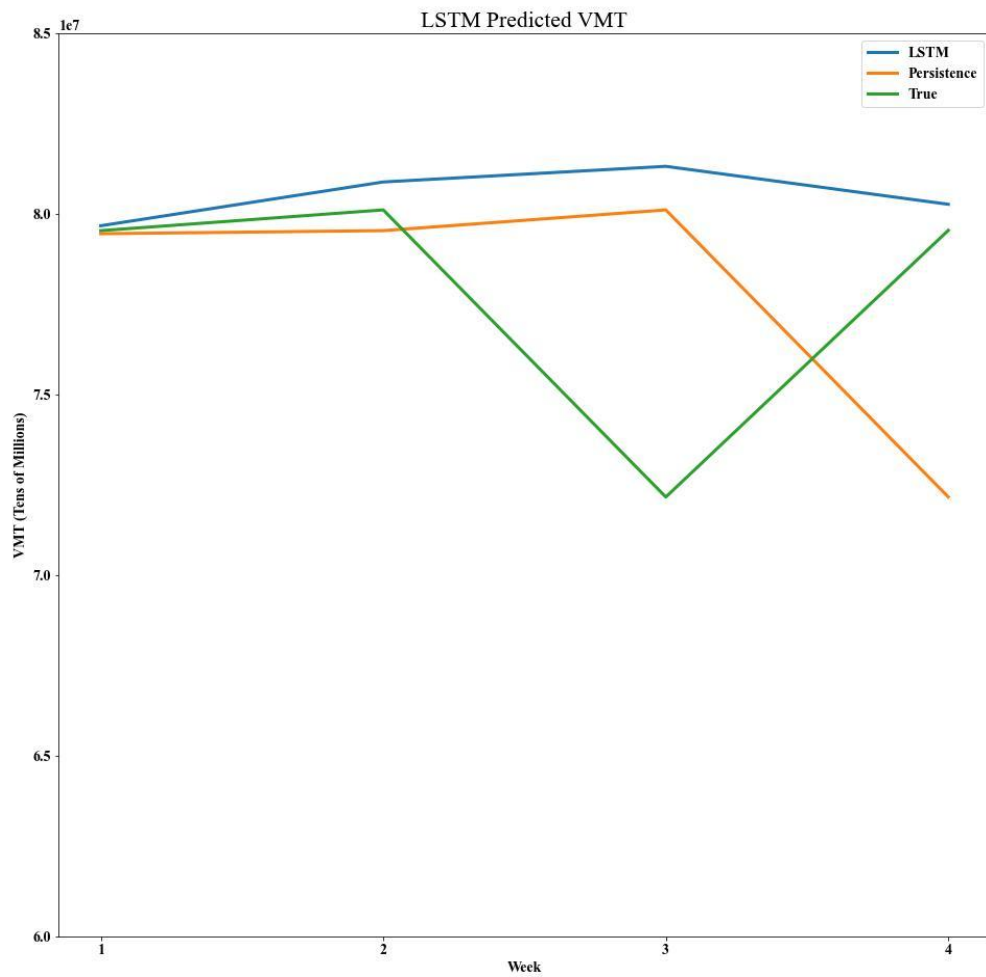


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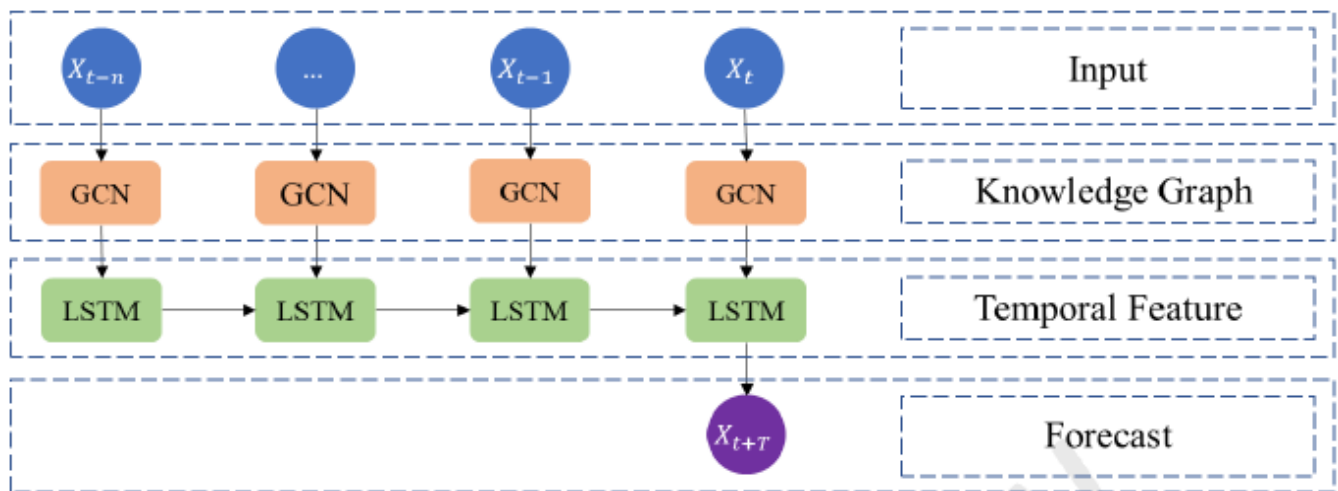


FIGURE 6. GCN-LSTM Model Structure

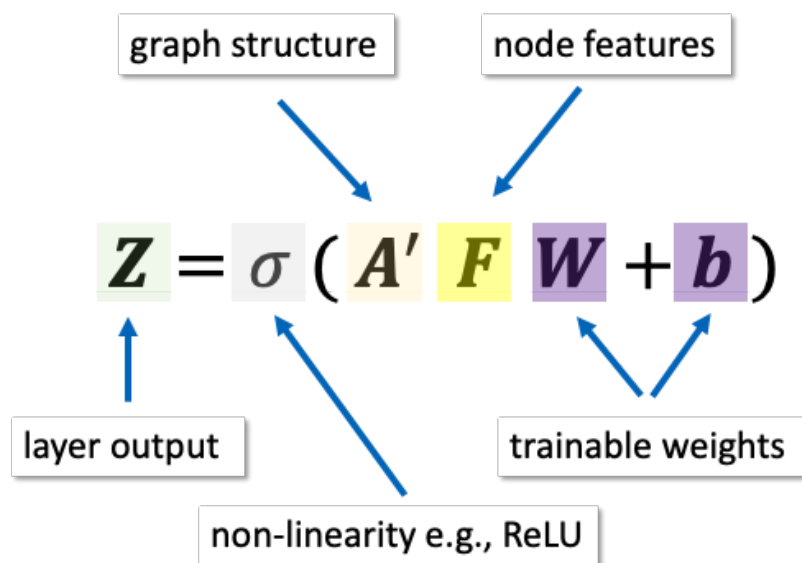


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