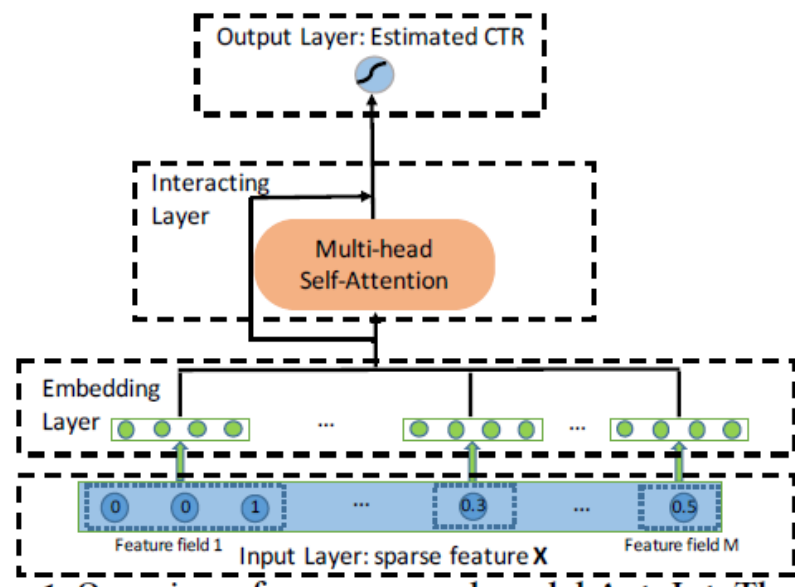
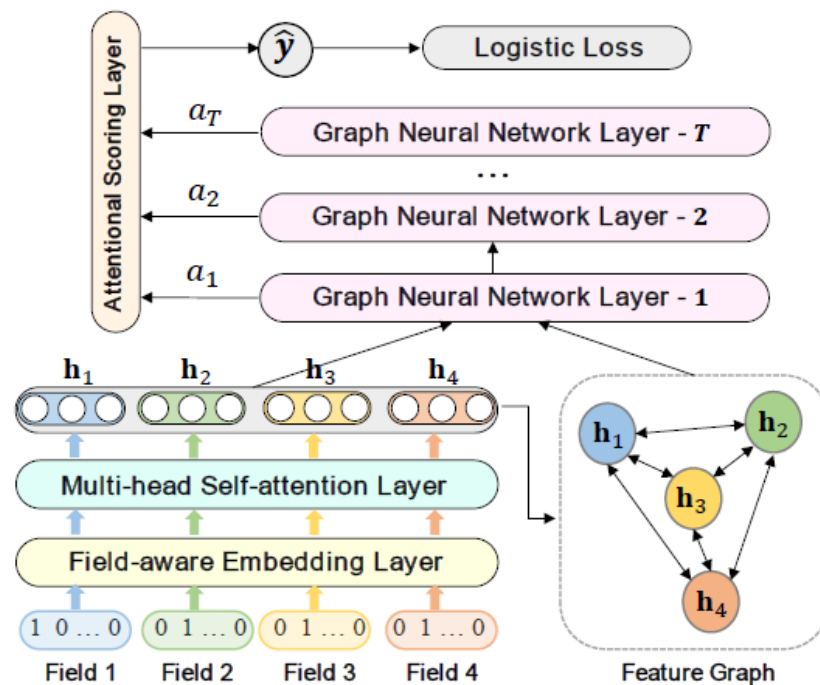


Product Layer → Interacting Layer (Multi-Head Self-Attention)



Automatic feature Interaction

Interacting Layer (Multi-Head Self-Attention) → + Gated Graph Neural Networks (GGNN)

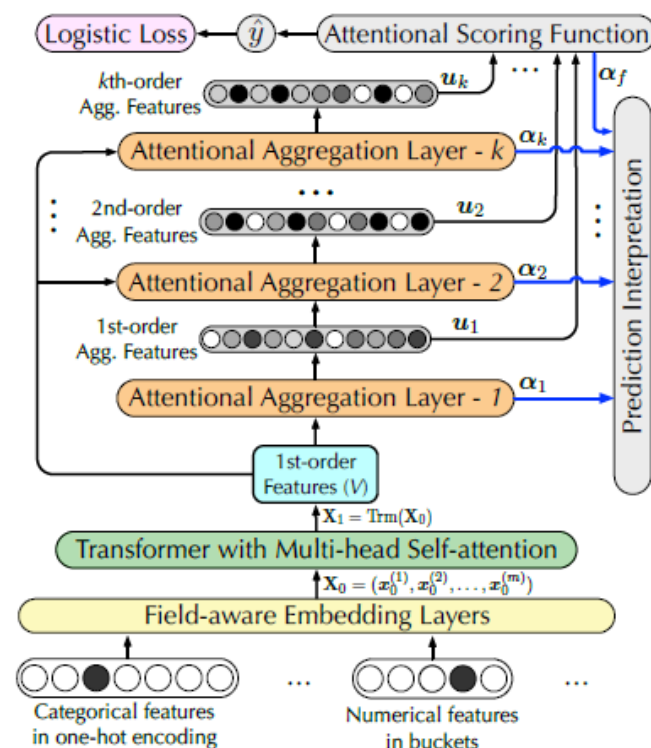


Feature Interaction Graph Neural Networks, FiGNN

2019 FiGNN

2020 InterHAt

Interacting Layer (Multi-Head Self-Attention) → + Hierarchical Attention



Interpretable model with Hierarchical Attention (InterHAt)