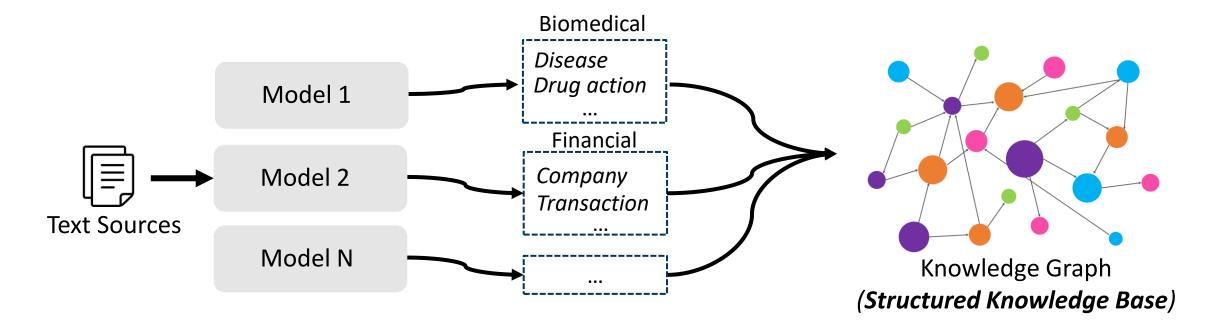


Information Extraction (IE)



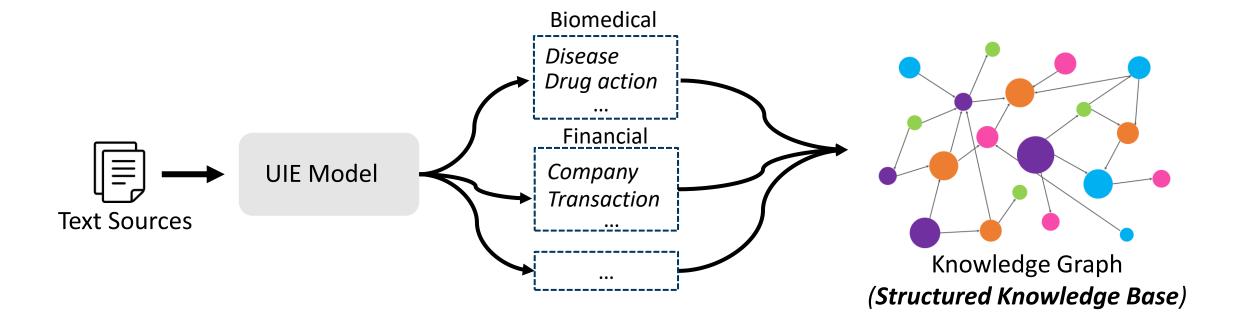
- IE aims to convert free text into **structured knowledge** that can be easily consumed by downstream tasks
- Traditional method: Train one model for each domain



Universal Information Extraction (UIE)



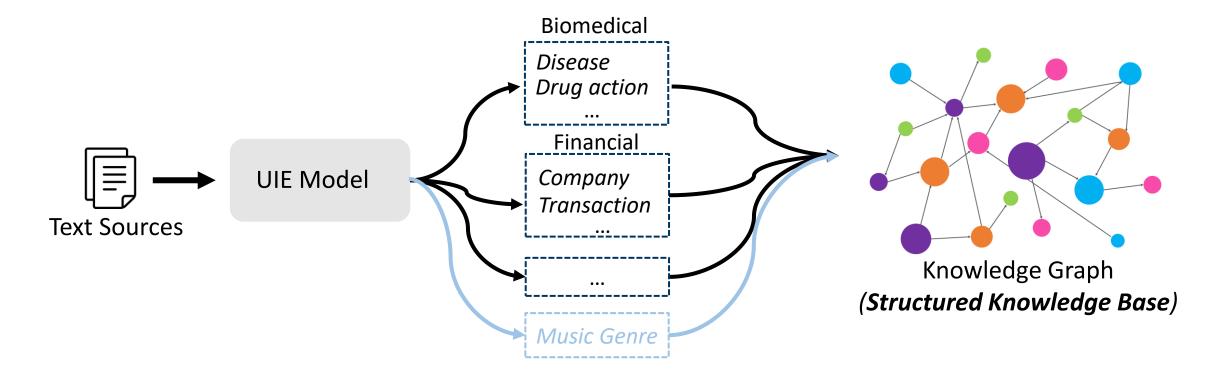
Aims to unify all extraction targets using a single model



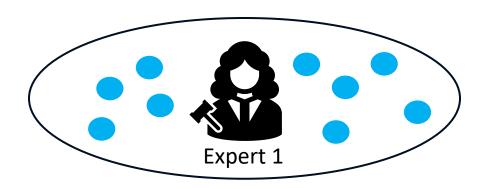
Universal Information Extraction (UIE)



- Aims to unify all extraction targets using a single model
- Challenge: Current UIE models struggle to generalize well to unseen tasks or new schemas

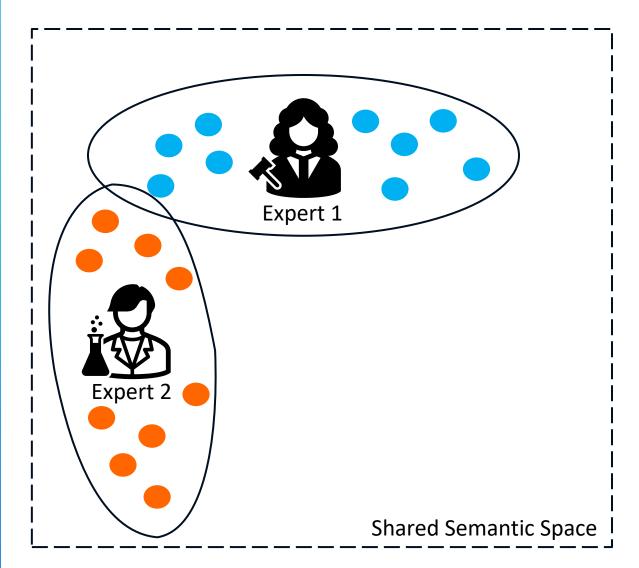






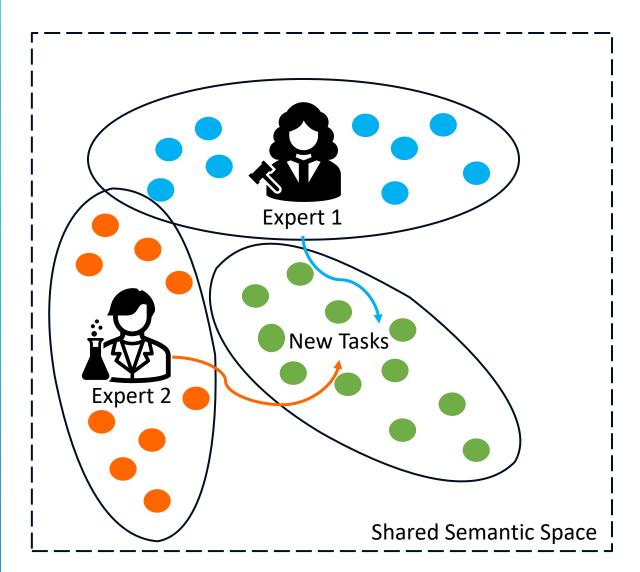
 Each expert excels at a different set of seen tasks learned from training





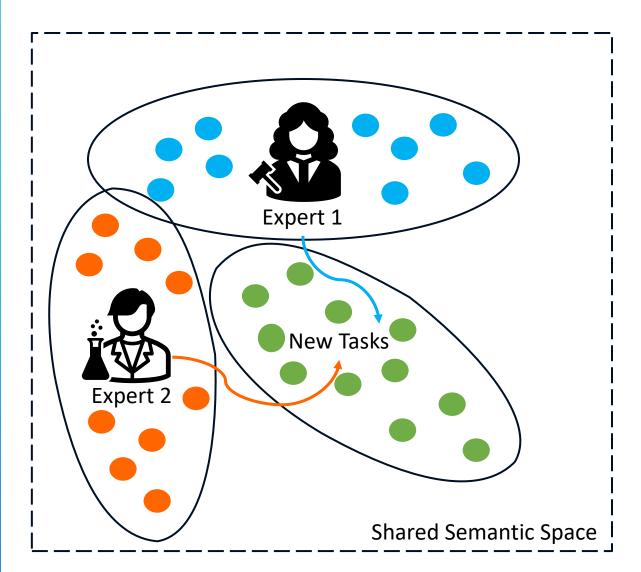
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- We map all tasks into a shared semantic space, where related tasks are closer together





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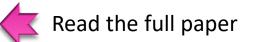




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Our method improves generalization to new tasks without using extra training data





Thanks

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