BUSI/COMP 488 Class12: Foundation Models & Retrieval Augmented Generation (RAG)

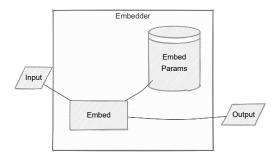
3.3.1 Foundation Model training

Foundational Model Embedder Embedder Embedd Params Decoder Params Decoder Params Prompt Foundational Model Embedder Decoder Params Prompt Foundational Model Foundational Model Embedder Decoder Params Prompt Text Predictor Text Predictor

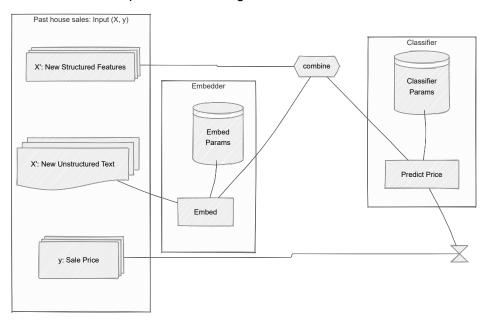
abel the lines and draw in arrowheads to identify how data flows in production use (after training).

- * Use type abbreviations: T=text/token, V=vector, P=model parameters, or write out types.
- * Add arrowheads where data flows to double headed arrows are possible.
- * After you've added your labels, click (>) in the notebook to compare with mine.

3.3.2 mbedder from FM

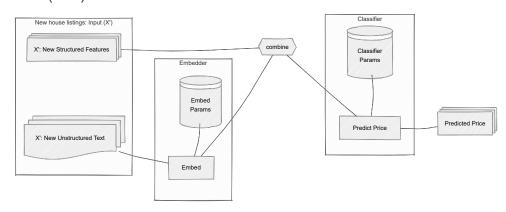


3.3.4 House Price prediction training

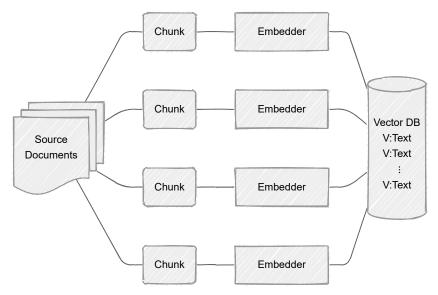


3.3.3 FM generation

3.3.4 (cont) House Price Prediction



4.2.1 RAG preparation: Add arrow directions and labels (T=text/token, V=vector, P=model parameter)



4.2.2 RAG generation

