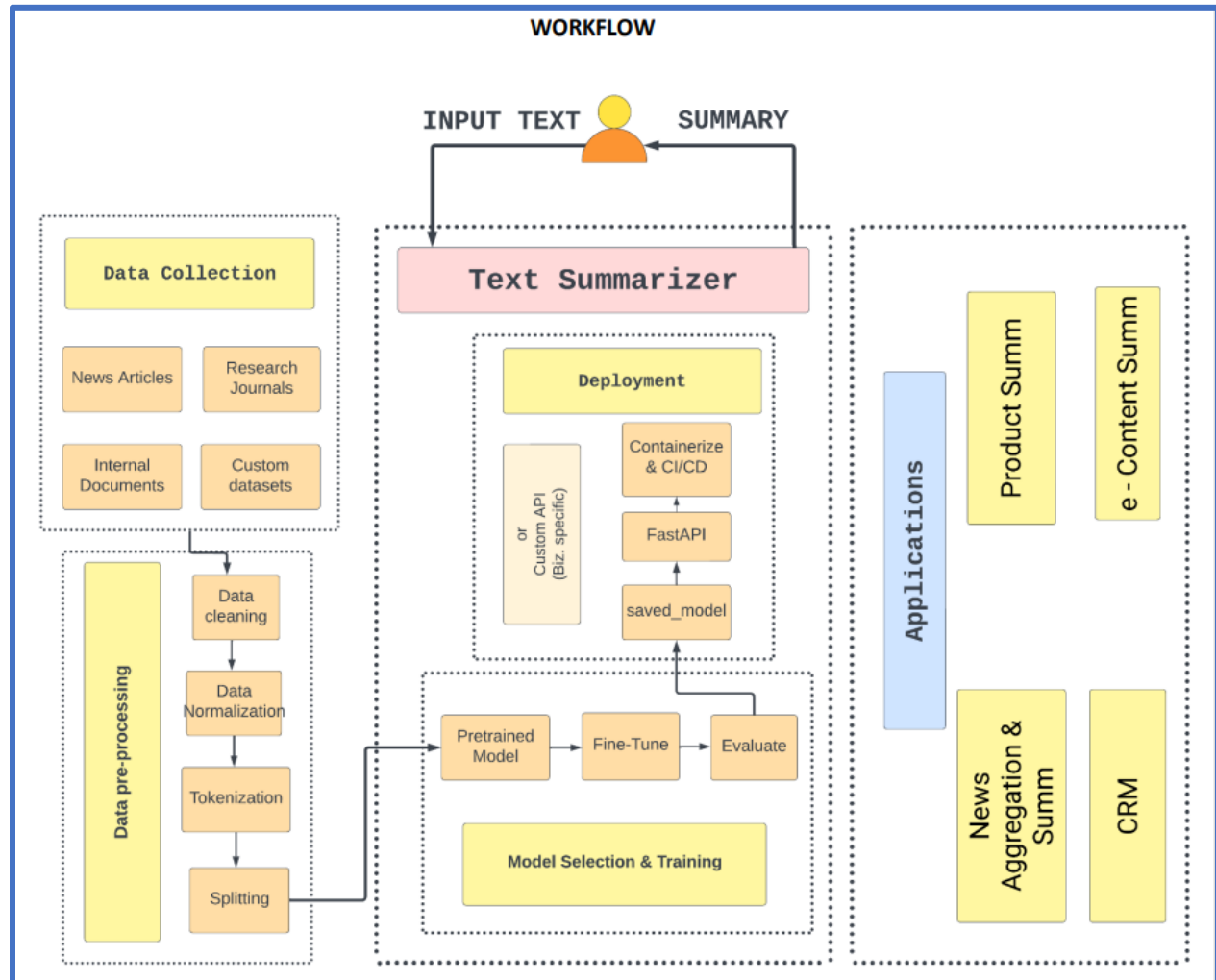# DESIGN WORKFLOW (ABSTRACTIVE SUMMARIZER)

DESIGN WORKFLOW (EXTRACTIVE SUMMARIZER)

INPUT TEXT

SUMMARY

INPUT TEXT

EXTRACTIVE SUMMARY

DATA PREPROCESSING

- Lowercasing
- Tokenizing
- Removing Stopwords and Lemmatizing
- Joining Tokens
- Sentence Tokenizing
- POS Tagging

EXTRACTIVE SUMMARIZER

- TF-IDF Vectoriztion
- Sentence Embeddings
- K-Means Clustering
- Combining TF-IDF Scores and distance from Centroids
- Finding Representative Sentences
- Generating Summary