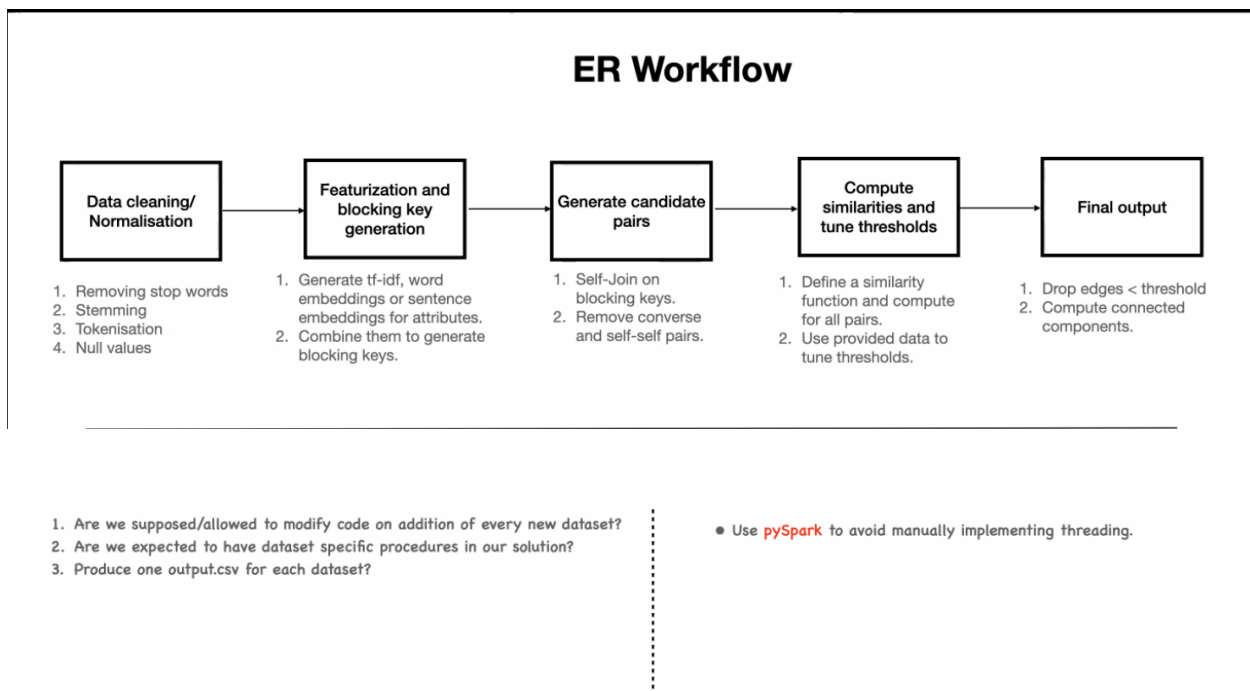


SIGMOD Meeting #1

▼ Class	CS 422
🕒 Created	@Mar 17, 2021 5:39 PM
🔗 Materials	
☰ Notes	
☑ Reviewed	<input type="checkbox"/>
▼ Type	



<https://towardsdatascience.com/practical-guide-to-entity-resolution-part-1-f7893402ea7e>

Three pathways:

1. Partitioning (similar to k-means / agglomerative clustering)
2. Blocking keys (hash joins)
3. Combinations (ensemble)

Tasks:

- Angelika - Understand the data - explore and identify what it means when rows match (which columns are most similar, etc), compute statistics about how many matching rows, how many missing values, etc. + Snowman
- Akash - Clean the data - stemming, stop words, dealing with missing values
- Vinitra - Data encoding techniques - embedding techniques (sentences - FastText), words (TF-IDF)
- Eleni - Simplest distance techniques - Jaccard, edit-distance + threshold to create initial predictions (baseline accuracy)
 - next step: when there's a null value, don't compute distance w that
- Tell Panos what we're choosing (at this meeting next week)