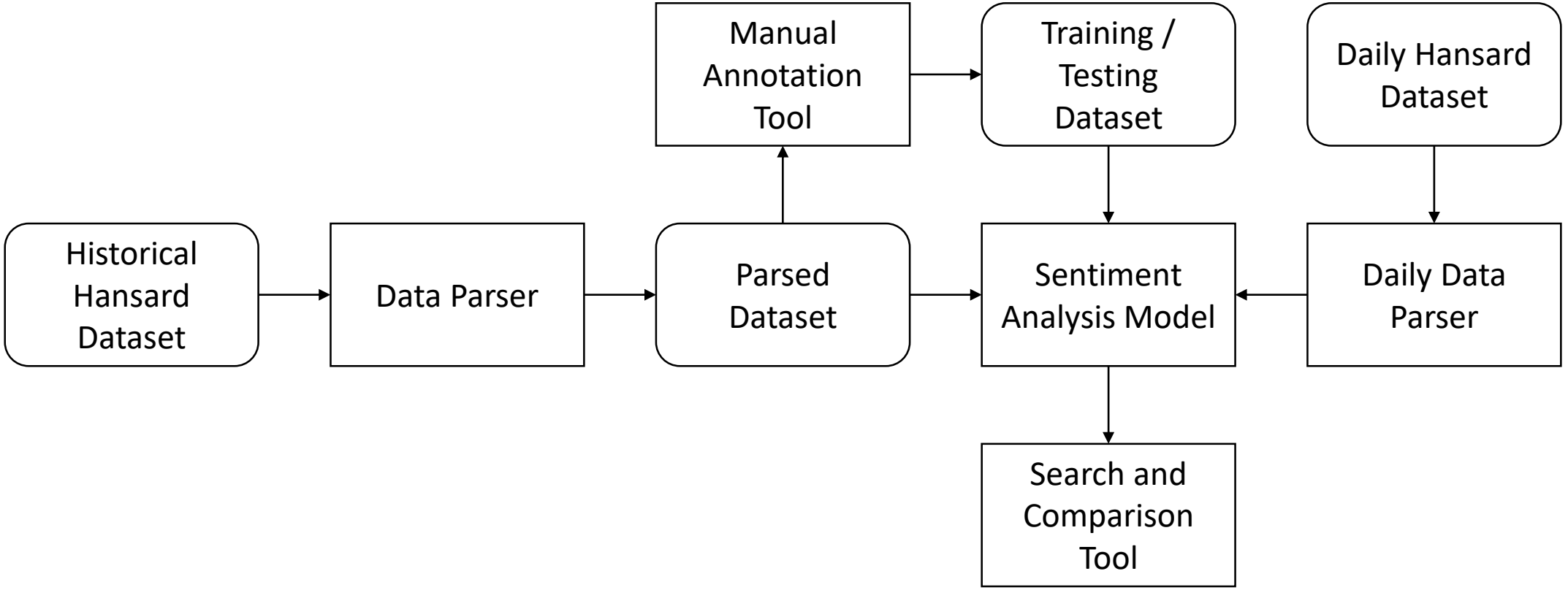
Manual Annotation Tool
Training / Testing Dataset
Daily Hansard Dataset
Historical Hansard Dataset
Data Parser
Parsed Dataset
Sentiment Analysis Model
Daily Data Parser
Search and Comparison Tool

- Data Parser
  - Automatically find any and all speech in the original dataset, and save it as more organised data.
  - Collect everything a particular individual said on the same day into one block of data.
- Manual Annotation Tool
  - Allow a user to read speech and manually annotate the sentiment expressed
  - Allow a user to edit the member name or subject for a displayed set of speech, in case the original data contains errors
  - Save the annotated data into a training and testing dataset, that can be used to build the Sentiment Analysis Model
- Sentiment Analysis Model
  - An AI model trained on the dataset created by the Manual Annotation Tool
  - Based off what was learnt during its training, can mark the speech
- Search and Comparison Tool
  - Allows a user to search the existing database for a member of parliament and/or a topic, and view the sentiment of each.

- Describe project:
  - Explain sentiment analysis
  - Explain Hansard dataset
  - Show example of Sentiment Analysis
  - Explain plans for testing
- Describe progress thus far
  - Describe data downloader
    - Show example of data
  - Describe parser
    - Show example of parsed data
  - Describe Manual Annotation Tool
    - Run tool for demo purpose – maybe Lawrence can have a try?
- Describe future plans
  - Once enough training data created, create model
  - Create comparison tool