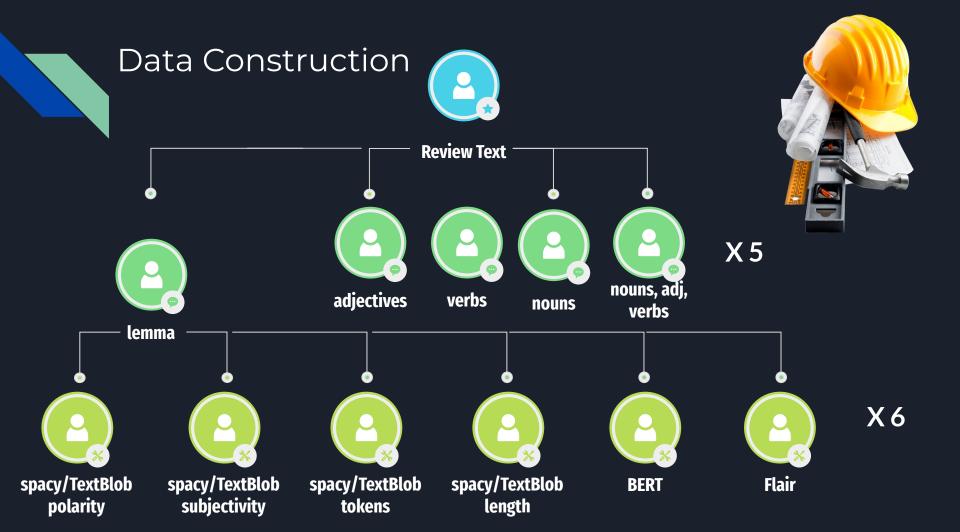
# ML1010 Milestone 2



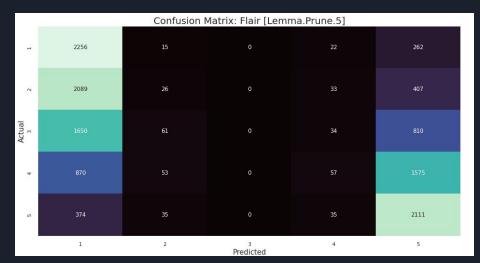
#### Mapping Values

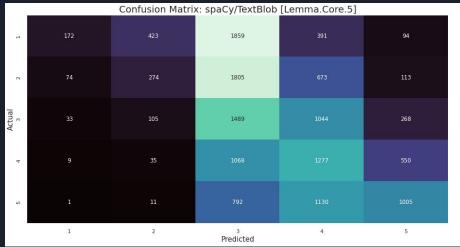


### Performance (5 Star)



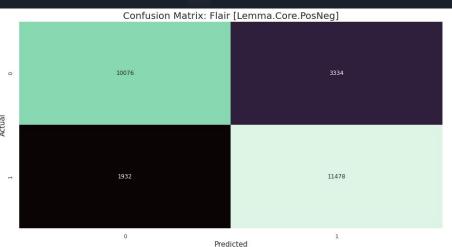


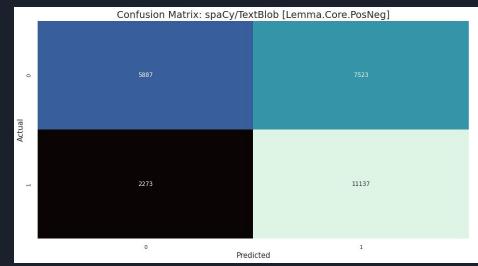


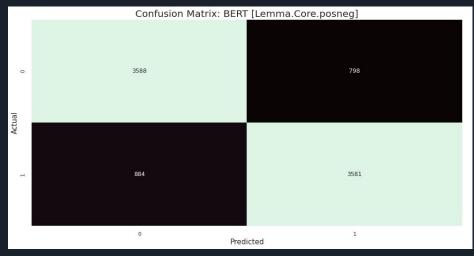


# Performance (positive-negative)

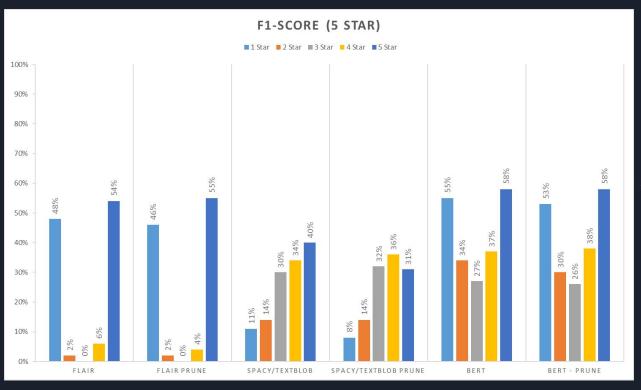






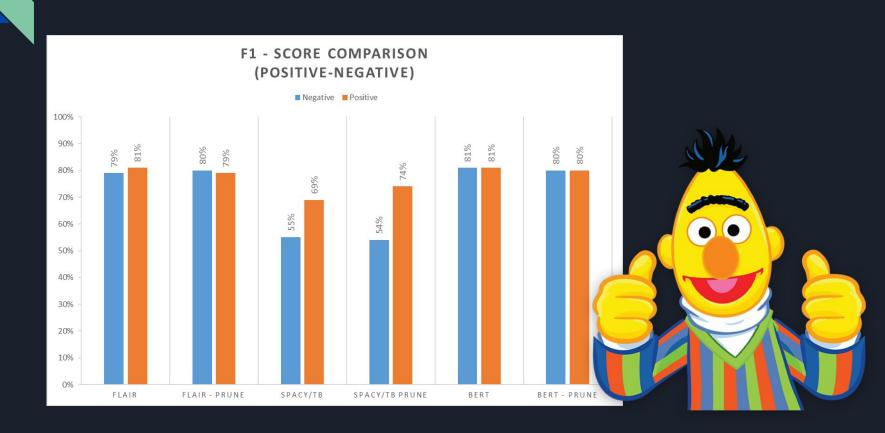


## F1 Score Comparison (5 Star)





### F1 Comparison (Positive-Negative)



#### Conclusion and Next Steps

More data - Got lowered dramatically once balanced in 5 star 63,310 documents -> < 1000 per classification

More columns analyzed

• verbs, adjectives, nouns, nav

More models applied

Sentence extraction for topic model

• Based on best sentiment



#### Class Balance -> Data Reduction

