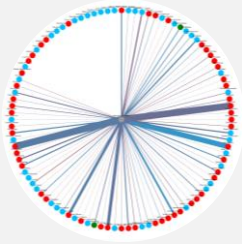


# Utilizing Reddit and Twitter to Inform Voters of Senators' Political Viewpoints

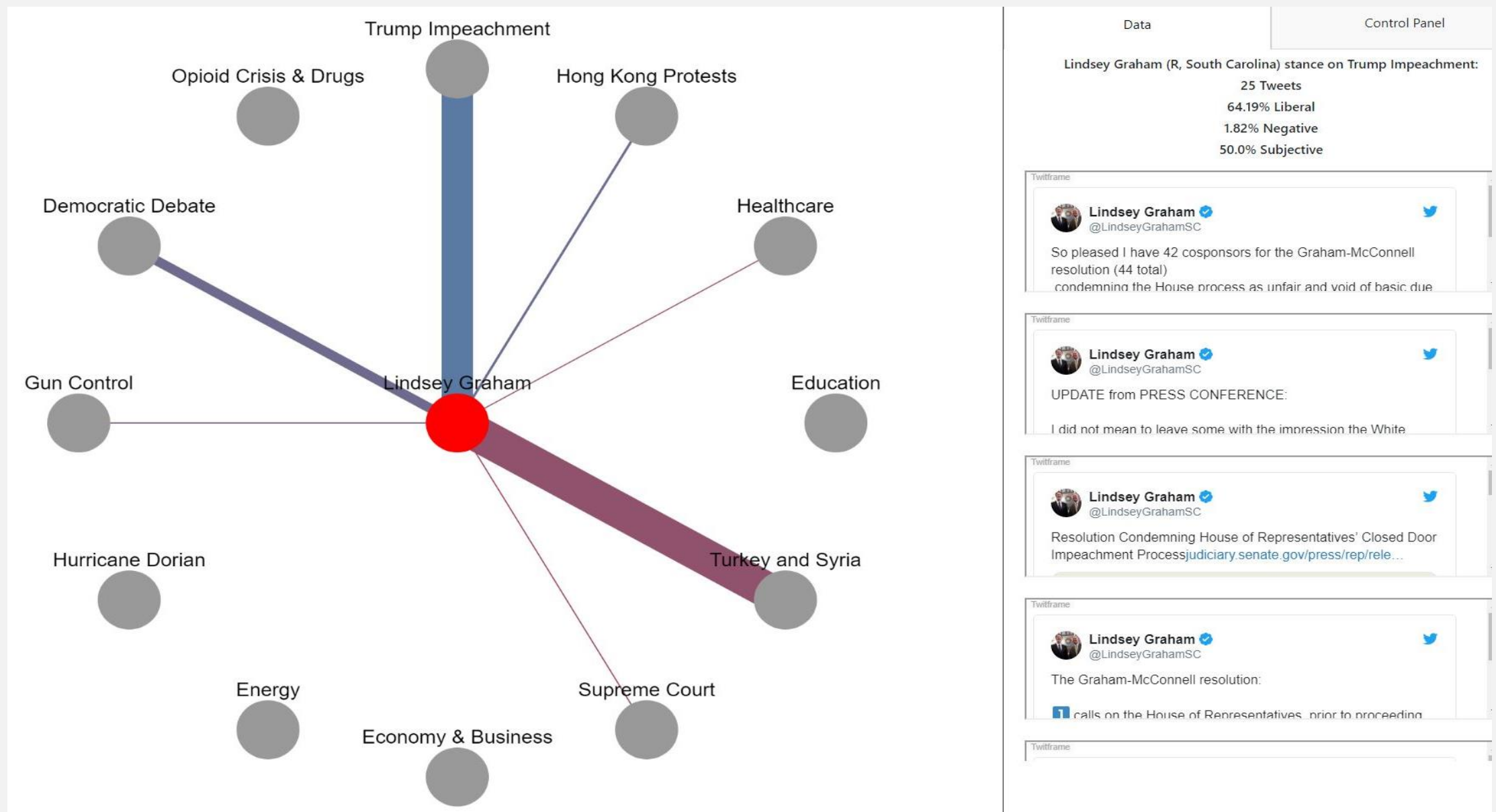
Christopher Wysocki  
cwysocki3

Thomas Sharp  
tsharp33

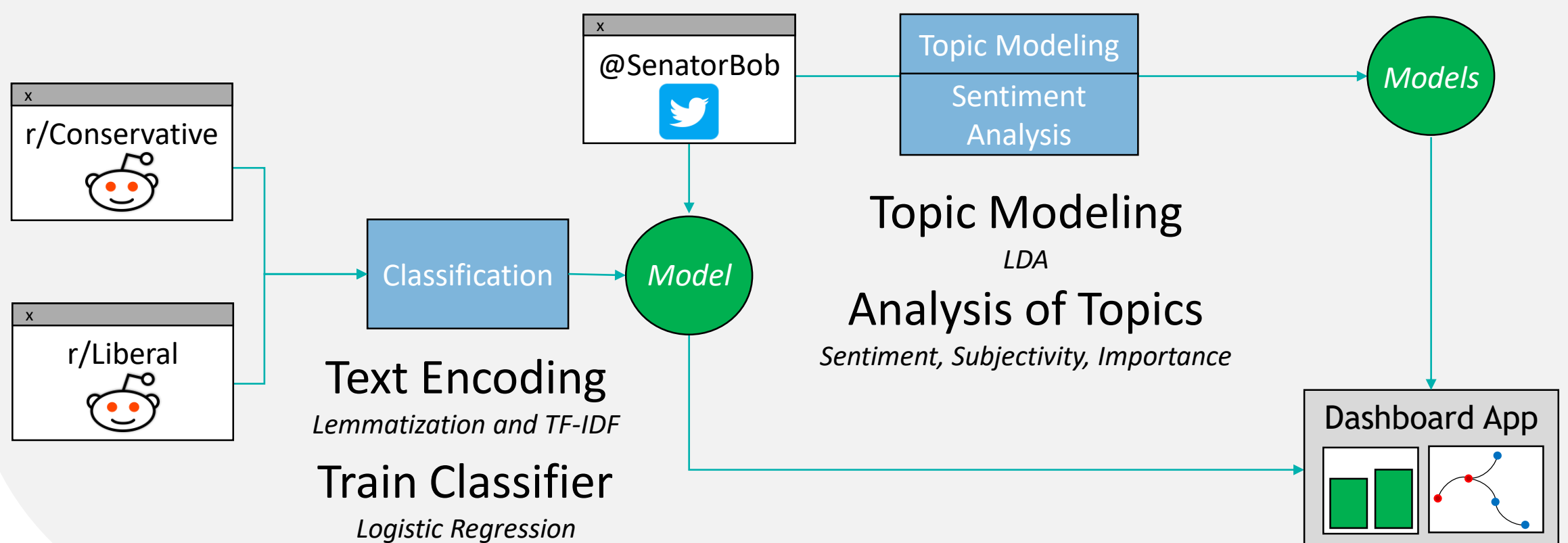
Hector Villatoro  
hvillatoro3



**SenateGraph** is an application which utilizes the latest public activity data on Reddit and Twitter to provide a platform for users to view each member of the Senate's position and sentiments on relevant political topics in the hope of creating a more informed voter pool



**SenateGraph** was built using a combination of Machine Learning and NLP techniques including LDA Topic Modeling, Sentiment Analysis, Text Encoding, Under sampling, and Logistic Regression on data pulled from multiple APIs



<https://senategraph.herokuapp.com/>

