Project Proposal - Team 5

Questions we’ll be asking:

Is there a correlation between Twitter sentiment and immigration stock and/or flows.

We will be matching the Twitter accounts of local NPR news stations with cities and/or counties. From this data, we will use US Census data to evaluate the relationship between the sentiment of these news Tweets and their replies with foreign-born share of the population. We may experiment with specific Twitter search terms like “immigrant” or the like.

Breakdown of Tasks

1. TBD

Twitter Variables

1. News Stories - Sentiment

2. Replies to news stories - Sentiment

3. Story topics on NPR like “immigrant” - Sentiment

Data we will be using:

1. Census Survey Data

2. Twitters of Local NPR stations & Replies

3. List of NPR Station Locations\

Graphs

1. Scatter with regression line.

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2. Heat map (County, State, whatever works)

Possible extensions:

1. Google Data

2. Crime Data

3. Whatever