Project Proposal - Team 5

Questions we’ll be asking:

Is there a relationship between the foreign-born population and Twitter sentiment on the topic of immigration? To explore this question, we matched the Twitter accounts of local NPR-affiliated news stations across the country. We combined this data with statistics on the size of the foreign-born population, using the US Census data (5-Year American Community Survey) in order to evaluate the relationship between local sentiment and the population characteristics. Tweets and their replies with foreign-born share of the population. We may experiment with specific Twitter search terms like “immigrant” or the like. In order to evaluate related angles, we attached other related data on hate crimes statistics and whether or not a geography had a so-called “sanctuary city”

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

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By Tuesday 4/10 we want to have data retrieved:

Census Data- Robert

NPR and media – Matiullah

Crime data- Jesus

Also practice on Git