

Team 1: Project Deliverable 2

Project: **BPDA | Brazilian Community Census Analysis**

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Due Date: **11/15**

More data should have been collected to perform a more thorough analysis of the data and attempt to answer one additional question relevant to your project proposal which you will submit as a pull request.

1. Collect and pre-process a secondary batch of data
 - Finished pre-processing data for employment, marital status, citizenship, and year of entry
 - Will continue pre-processing data for the rest of the features
2. Refine the preliminary analysis of the data performed in PD1
 - Created visuals for employment, marital status, citizenship, and year of entry
 - i. Graphs displaying the distribution of employment by industry of Massachusetts Brazilians of a particular year (2005 - 2011)
 - ii. Graphs displaying the distribution of employment by occupation of Massachusetts Brazilians of a particular year (2005 - 2011)
 - iii. Graphs displaying the distribution of different marital statuses (married, widowed, divorced, etc.) for Massachusetts Brazilians over time (2005 - 2011)
 - iv. Graph displaying the distribution of U.S. citizenship among the Brazilian population in Massachusetts over time (2005 - 2011)
 - v. Graph displaying the distribution of year of entry among the Brazilian population in Massachusetts over time (2005 - 2011)
3. Answer another key question
 - Analysis of the Population, Gender, Age
 - i. From the years of 2005 - 2008, the industry with the most number of working Massachusetts Brazilians was “Accommodation and Food Services; and Arts, Entertainment, and Recreation”. However, by 2009, there was a dramatic increase in the number of working Massachusetts Brazilians in “Professional, Scientific, Management, and Administrative Services”. Since then, there has been a more even distribution of working Massachusetts Brazilians in “Accommodation and Food Services; and Arts, Entertainment, and Recreation”, “Professional, Scientific, Management, and Administrative Services”, and “Construction”.
4. Refine project scope and list of limitations with data and potential risks of achieving project goal
 - Project scope has not been further refined since PD1. No limitations or risks have yet to be found.
5. Submit a PR with the above report and modifications to original proposal