

Team 1: Project Deliverable 3 (v1 Final Report)

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

Members: **Carter Vande Moore, Simon Lu, Angela Tran, Andrew Tuckman**

Due Date: **11/22**

All data should have been collected. All project questions should have been reviewed, answered, and submitted in a written document outlining findings as a PR. You will also be asked to submit the associated data and a README explaining what each label/feature in your dataset represents. Your team should meet with the client before this deliverable.

1. All data is collected
 - All data collected from necessary years (2005 - 2011) for Team 1
2. Refine the preliminary analysis of the data performed in PD1 & 2
 - Conducted correlation analysis between features during years 2005 - 2011
 - i. Correlation between gender and education
 - ii. Correlation between gender and poverty level
 - iii. Correlation between industry type and poverty level
3. Answer another key question
 - Interesting correlations found regarding the Brazilian population in Massachusetts from 2005 - 2011
 - i. Strong positive correlation between Brazilian's in the retail industry and an above poverty level
 - ii. Strong positive correlation between Brazilian's in the Professional, Scientific, Management, and Administrative services industry and a below poverty level
4. Attempt to answer overarching project question
 - The Brazilian story in Massachusetts
 - i. Brazilian's that enter into the retail industry are more likely to reside in an above poverty level compared to those who enter the Professional, Scientific, Management, and Administrative services
 1. This may be due to the fact that entry into the retail industry is much easier for immigrants whereas in the more professional industries, more qualifications are needed that Brazilian immigrants may not have.
5. Create a draft of your final report
6. Refine project scope and list of limitations with data and potential risks of achieving project goal
 - No limitations/refining needed
7. Submit a PR with the above report and modifications to original proposal