Data: 
http://lib.stat.cmu.edu/DASL/Datafiles/mortgagerefusalsdat.html

Information:

The Association of Community Organization for Reform Now (known as ACORN) collected data from different banks to determine if there was biased over racial difference on mortgage rejection and acceptance rates for fixed income groups. The data collected only presents a set number of twenty banks and their data in terms of percentage of mortgage loans refused from high income whites, high income minorities, low income whites, and low income minorities. The actually number of people taken into account from each individual bank is not listed. The data shows a wide range of percentage difference in mortgage refusals of racial groups for both high income groups and in low income groups.

The purpose of this project is to answer if national banks would be more likely to reject minorities than local banks along with the question of whether location of bank has an effect. To answer such questions data will be analyzed based on distribution of data, the likelihood function, box plots, and summary statistics. Also an error of data collected should be determined.

Other areas of interest for this project include the effect of the Community Reinvestment Act on the data collected. This act was created to increase home ownership for minority and low-income families. Also research of the economic time during which the data was collected should be done.