Projects

There are six projects described in this section. Each project will be assigned to at most two groups. Discuss with your group and email me an ordering of the projects in order from most preferred to least preferred. I will try to assign to each group one of their top choices.

1. Baseball Statistics

2. US Census Data

3. Google Transparency Report

4. Anti-Piracy Legislation

5. Guns and Violence around the world

6. Course Evaluations

Baseball Player Statistics

Statistics for Baseball teams from 2011.

Brief description: https://www.openintro.org/stat/data/?data=mlb11

Data: http://www.openintro.org/stat/data/mlb11.csv

US Census County Data

Contains information on all US counties based on the 2010 census.

A description of some of the variables: notes/countyExplanations[1]

Data: https://skiadas.github.io/AppliedStatsCourse/site/datasets/countyComplete.txt

This is a rich dataset, and your group will only work on part of the data.

Google transparency report

Contains information about requests for account information that Google has received from various countries. Records variables related to the country's demographics, politics and freedom of the press, as well as the number of requests received and complied with.

Brief description: https://www.openintro.org/stat/data/?data=goog

Data: http://www.openintro.org/stat/data/goog.csv

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[1]countyExplanations.html

Anti-piracy legislation

Contains observations on US Senators and Representatives related to their support of anti-piracy legislation that was introduced at the end of 2011.

Brief description: https://www.openintro.org/stat/data/?data=piracy

Data: http://www.openintro.org/stat/data/piracy.csv

Guns and violence around the world

Contains data from various countries around the world, on the number of guns owned, mortality rates, and general human development index.

Brief description: https://www.openintro.org/stat/data/?data=gun_violence

Data: http://www.openintro.org/stat/data/gun_violence.csv

Course evaluation data

Data from the Hanover College course evaluation data for the year 2016-2017. This is a subset of the actual answers provided by the students, but with identifiable information removed.

Brief description: studentEvalsDescriptions.md[2]

Data: Ask me for access to the data if you want to do this project. This data is not to be shared with anyone else.

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[2]studentEvalsDescriptions.html