**Virtual Poster Presentation**

Graduate students only

Group max size = 4

Method=Any method discussed in class

Topic=See list below

Every group = unique combination of method and topic

Enter names of group members by 11 pm on Monday Nov 28th into spreadsheet posted at

<https://docs.google.com/spreadsheets/d/1PtiplJgtrKTvCrW75J9FIvOAgN3Q0EaWo_xMIwzWlQM/edit?usp=sharing>

Submission:

Individually upload to Blackboard by 11 pm on Monday Dec 5th

Content:

Single Power point slide (maximum of three columns)

Material legible on computer monitor without additional zoom

Format: Powerpoint show (3 minute maximum audio duration)

Assessment by 11 pm on Tuesday Dec 6th

Each student grades 5 posters

Bonus points for undergraduate graders

‘0’ points and University policy for plagiarism

Posters also graded by Grader

Presentation should be scientific

Clear outline of analysis (data, method, design choices)

Strong evaluation component

Presentation should be lucid

Clear flow of information on poster

Need not be esthetically pleasing

*Virtual Poster Topics*

1. Predictive model of how each state voted (Republican xor Democrat) in the US Presidential election based on the following features:

Population density

Ethnic population composition

Median age

Distance from Kansas City

1. Predictive model of how each state voted (Republican xor Democrat) in the US Presidential election based on the following features:

Median home price

Median household income

Number of violent crimes

Number of property crimes

1. Why were the predictions of the US presidential election incorrect?
2. NBA winning percentage prediction
3. Weather prediction

Y = annual rainfall (national or state)

X = non-trivial weather data

*Possible Data Sources*

<http://www.census.gov/data/data-tools.html>

<https://www.ucrdatatool.gov/>

[http://kff.org/other/state-indicator/distribution-by-raceethnicity/?currentTimeframe=0&sortModel={%22colId%22:%22Location%22,%22sort%22:%22asc%22}](http://kff.org/other/state-indicator/distribution-by-raceethnicity/?currentTimeframe=0&sortModel=%7b%22colId%22:%22Location%22,%22sort%22:%22asc%22%7d)

<https://www.ncdc.noaa.gov/cdo-web/>

<http://databasebasketball.com/stats_download.htm>

<http://stats.nba.com/league/team/#!/>

http://www.who.int/nutgrowthdb/database/en/