

Name: _____

Project: Descriptive data

Pick a topic of your choice that includes data with time series (including a moving average and a prediction), means, medians, histograms, and a pie chart.

Examples:

- (1) The value of IBM stocks versus times, its fraction of the Dow Jones, and how it compares to other stock in its category.
- (2) Scores of the Giants versus time and how the number of wins compared to other teams.
- (3) The population versus time for China and how its growth compares to other large companies.
- (4) The number of forest fires in California versus time and how they compare to other Western states.

Your topic: _____

Rubric

- | | |
|---|----|
| 1) Proposal of topic. | 10 |
| 2) Report has an introduction | 5 |
| a. Why did you choose the topic? | |
| b. What did you want to learn? | |
| 3) Report containing the elements | 25 |
| a. Time series | |
| b. Moving average | |
| c. a prediction for the future | |
| d. Means, medians | |
| e. Histograms | |
| f. Pie chart | |
| 4) Each chart has this information | 10 |
| a. Caption with title of the data | |
| b. Axis labels (horizontal and vertical) | |
| c. Source of data (e.g. website name and URL) | |
| 5) Report explains each chart and what we learn from it, in the main text | 5 |
| 6) Report has a conclusion | 5 |
| 7) Overall process | 20 |
| a. Quality of work and attention to detail | |
| b. Consistent progress to meet the deadline. | |
| c. Independence. | |
| d. Originality. | |
| 8) Effort | 20 |