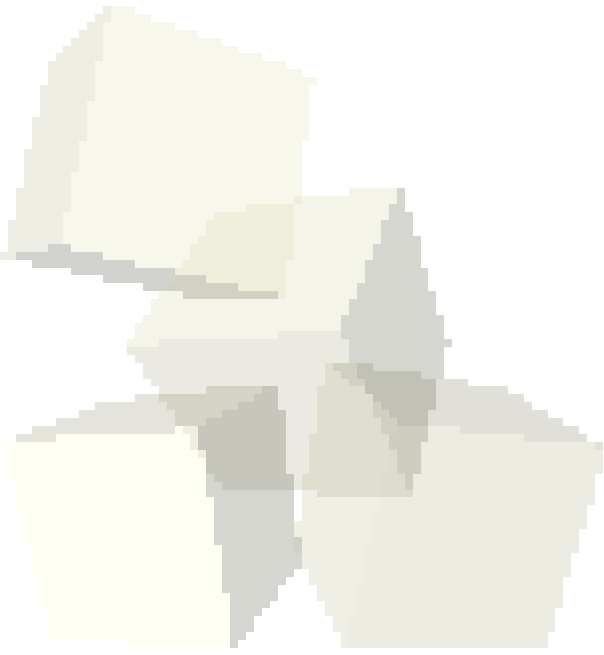




Basic Data Analysis

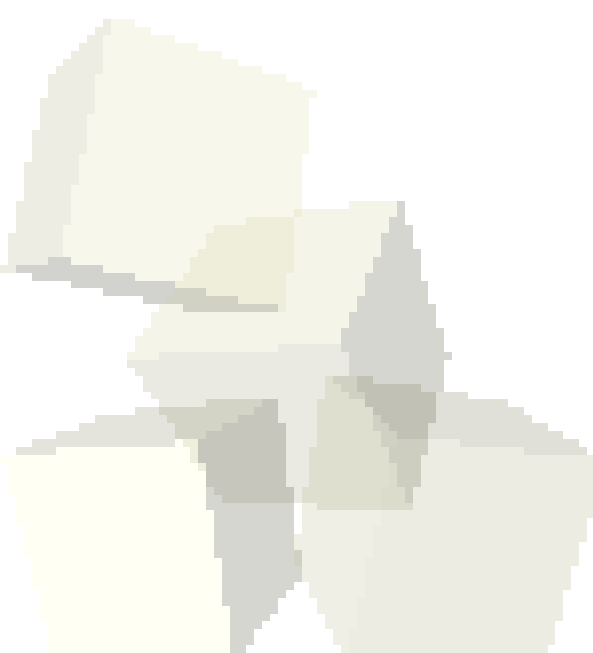
1-29-2010





Opening Discussion

- What did we talk about last class?
- Do you have any questions about the reading?
- Some data set sources
 - ◆ <http://cdiac.ornl.gov/epubs/ndp/ushcn/ushcn.html>
 - ◆ <http://lwf.ncdc.noaa.gov/oa/climate/climatedata.htm>

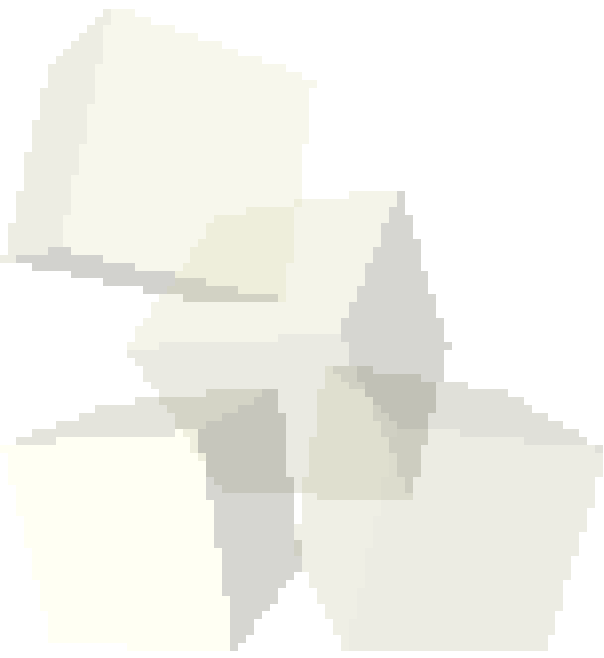




- As you have already experienced, Matlab has a set of statistical analysis methods.
 - ♦ mean
 - ♦ max
 - ♦ min
 - ♦ std
 - ♦ cov – covariance
 - ♦ corrcoef – correlation coefficients
 - ♦ diff
 - ♦ sum
 - ♦ More on page 309



- Matlab also provides filtering functions that combine elements in arrays in various ways that you can specify.
- The filter function does linear combinations of elements in an array.





Closing Remarks

- It's a while before we have anything due.
- Do you feel that we are going at a pace that you can keep up with?

