

A Practical Introduction to R

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March 11, 2012

What we're going to be seeing today.

1. Apartment Rents:

- ▶ reading in delimited data
- ▶ working with data frames
- ▶ scatterplots
- ▶ for loops
- ▶ linear regression
- ▶ histograms
- ▶ R's built-in help system

2. Automobile Counts:

- ▶ reading in data from Excel
- ▶ line plots
- ▶ saving and formatting plots

3. Twitter Hash Tag Frequency:

- ▶ word clouds

Some of my favorite resources.

- ▶ UCLA Academic Technology Services:
<http://www.ats.ucla.edu/stat/R/>
- ▶ Stack Overflow:
<http://stackoverflow.com/questions/tagged/r>
- ▶ Dalgaard's Introductory Statistics with R:
<http://staff.pubhealth.ku.dk/~pd/ISwR.html>
- ▶ Serge Rey's Geographic Information Analysis Course (GPH 493/598)
- ▶ Other people's code!