

STAT 209

Interactive Data Visualization

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Making Graphs Interactive

- RMarkdown can produce HTML output
- Modern HTML can be interactive
- Can we make our graphics interactive?

R Packages for Interactive Visualization

- `plotly`: can convert existing `ggplot` objects into an interactive HTML format
 - Just store your plot in a variable and call `ggplotly()` on it
- `DT`: used to display data tables themselves in HTML in an interactive (pageable) form
 - Call `datatable(YourDataFrame, <options>)`
- `ggvis`: Allows custom behavior on mouseover via a function that takes data and returns text
- `shiny`: Can build customized web applets
 - Could be a whole module of a course unto itself