

# Advanced Visualization and Communication 1

PSDS 3300

Module 3



#### Module Activities

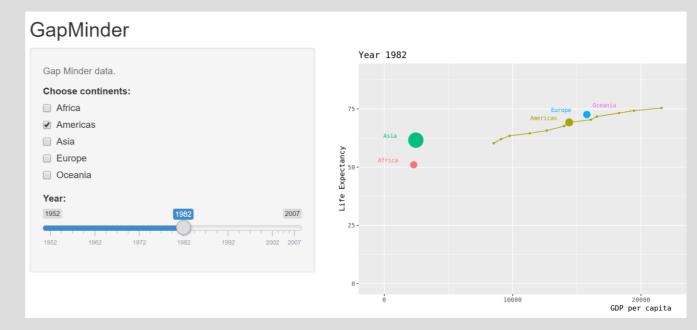
- Module Readings
  - Visual Perception
- Review from 2300 (recapped in readings)
- Preattentive Processing
  - Motion
  - Edges of Shapes
  - Color
  - Contour
  - Contrast
  - etc



### Labs & Practices

#### Two Visuals:

- Bubble Charts
- Word Clouds



#### New concept for Shiny App:

Interactive Visual Channels



### Checkpoint

What were the interactive UI elements in the final Bubble Chart (module3-bubble4)?

What was the animation element we learned?

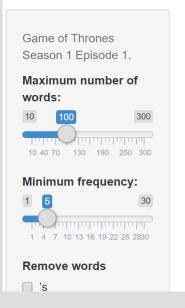


### Exercise

#### **Exercises for Bubble Charts and Word Clouds**

- Interactive Processing
- Building upon layouts

#### GoT Word Cloud



```
lannisters
name ever sorry
south think might
right wallgrace night
right firstwalkers
brotherwantsay saw thing
home fatherdon t still
boy come get king likewich
let fun hear weed
let fun hear weed
lady lord
life back will one stark
white ned know'dman bran
told see hove now'll dead
people sister queen well
years good khaltrue throne
make please little
```







## Enjoy!