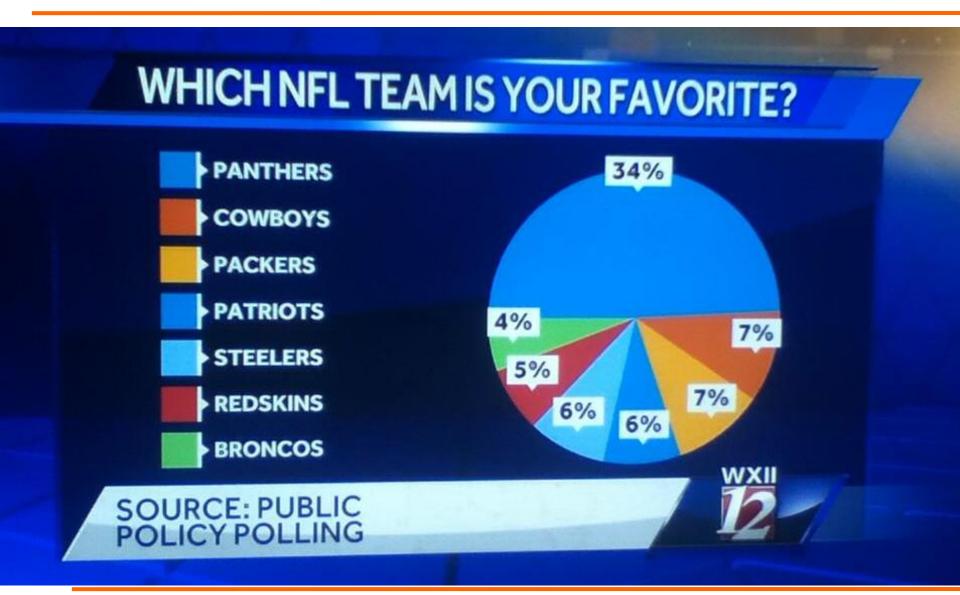
# Case Study

### Data Management and Visualization





## Case study





### Assessment

- Question:
  - Is there one (or more) question addressed by the visualization?
- Data:
  - Is the data quality appropriate?
- Visual Integrity:
  - Are the visual features appropriate?

# Visual Integrity

#### Proportionality:

 Are the values encoded in a uniformly proportional way?

### • Utility:

 All the elements in the graph convey useful information?

### Clarity:

 Are the data in the graph identifiable and understandable (properly described)?

### Question

• What are the most popular/favorite NFL teams in our audience?



### Data

WXII-TV is an NBC-affiliated television station serving North Carolina: home of Panthers

Team	Prefer ces
Panthers	34%
Cowboys	7%
Packers	7%
Patriots	6%
Steelers	6%
Redskins	5%
Broncos	4%

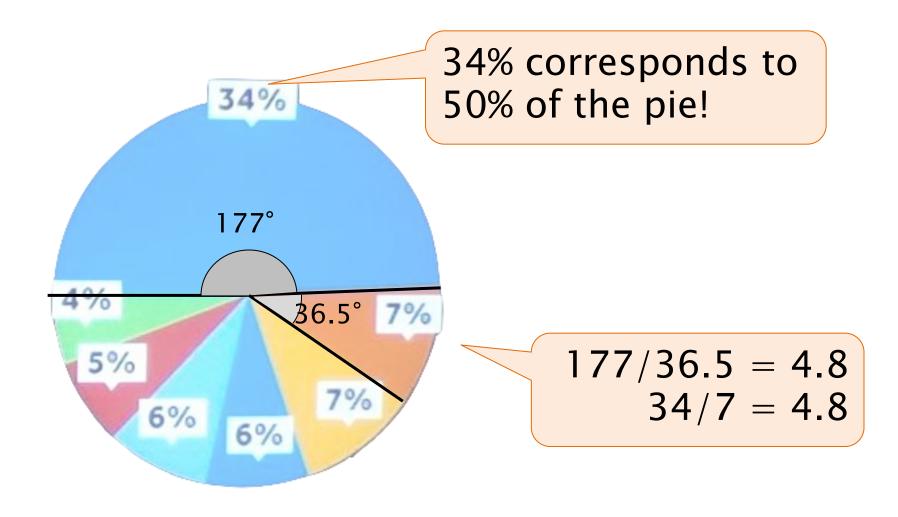
Total: 69%

### Full data

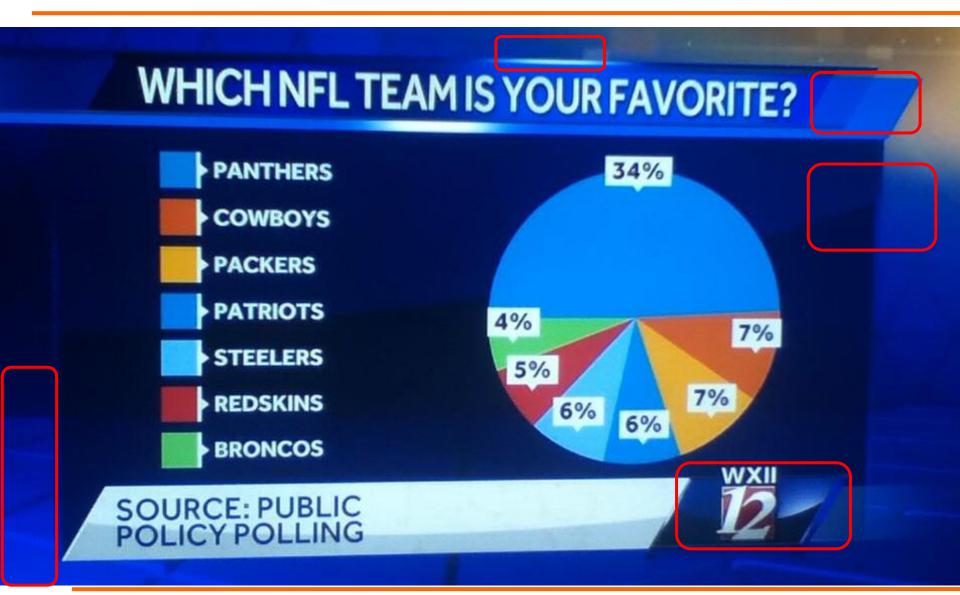
Team	Preferences
Panthers	34%
Cowboys	7%
Packers	7%
Patriots	6%
Steelers	6%
Redskins	5%
Broncos	4%
Other	31%
Total:	100%



### Integrity - Proportionality

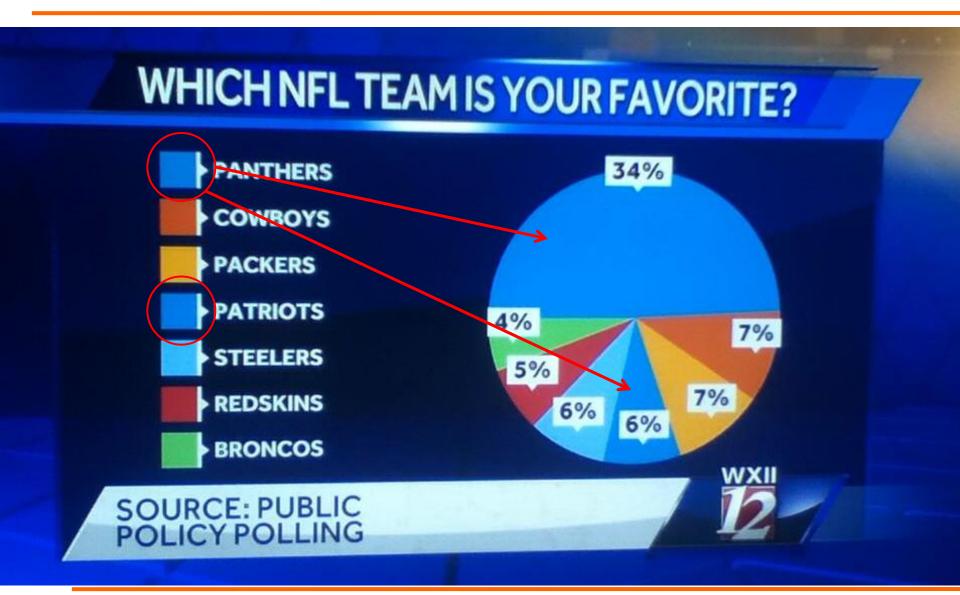


## Utility





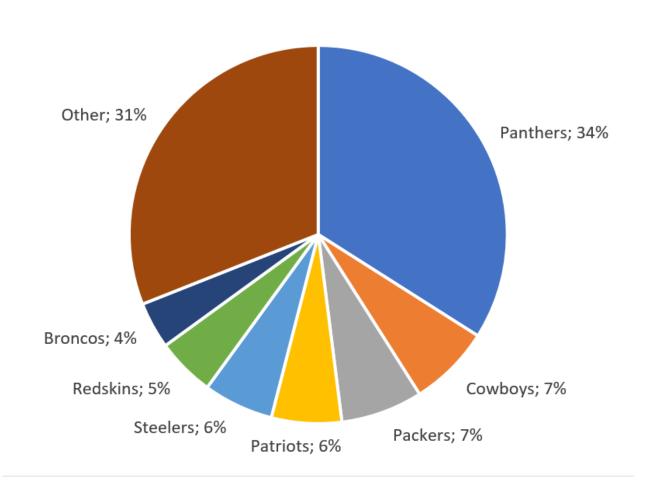
# Clarity





# Redesign #1







## Redesign #2

#### Favorite NFL teams in our audience

