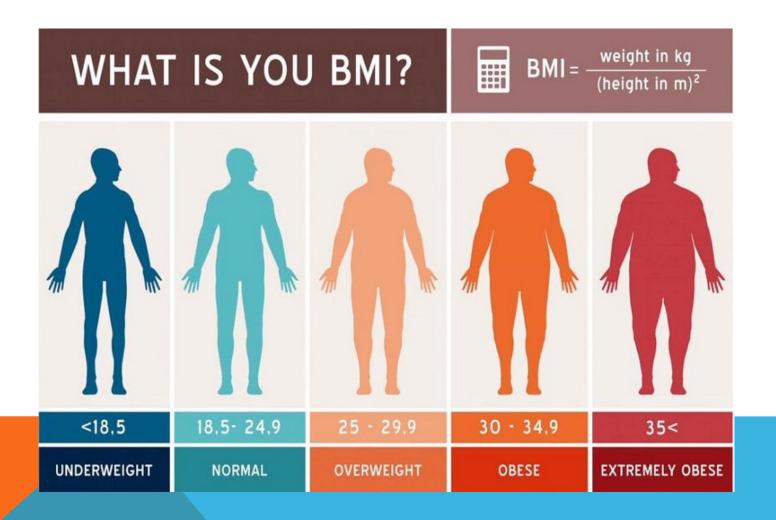
OBESTIV CORININ & CINDY SO

WHAT IS OBESITY?



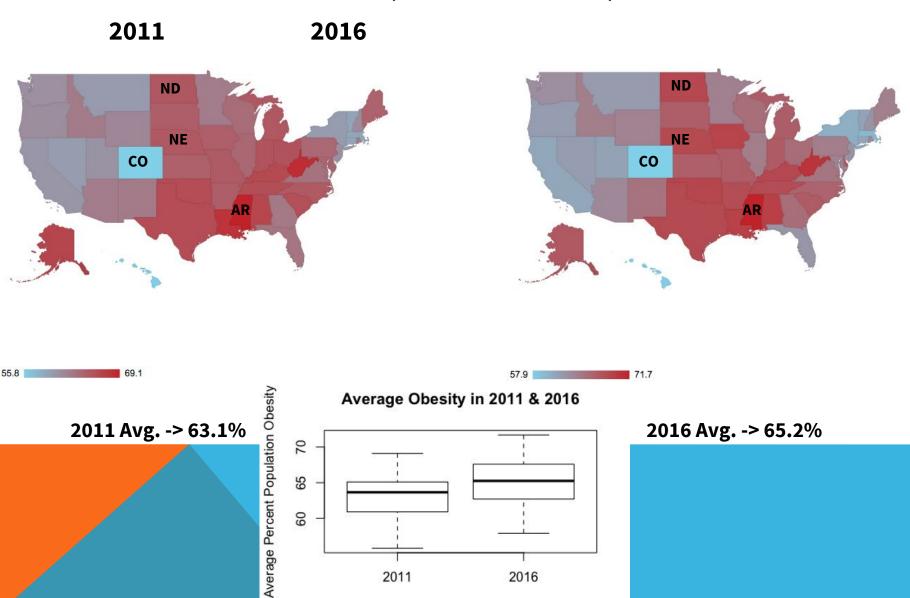
WHERE DID WE START?







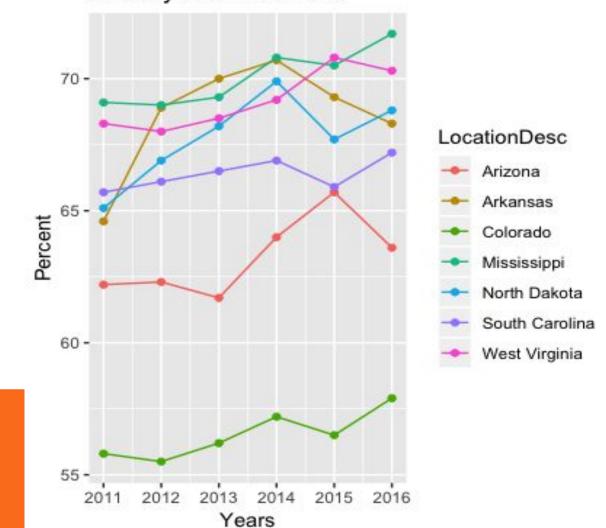
OBESITY IN THE U.S (PERCENTAGE)



Years

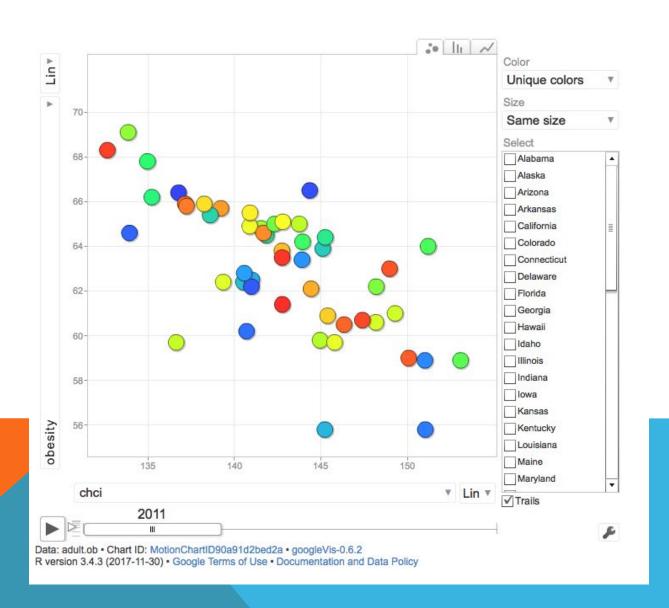
OBESITY IN THE U.S – SELECTED

Obesity over the Years



state ^	year ‡	obesity.perc ‡
Arizona	2011	62.2
Arizona	2016	63.6
Arkansas	2011	64.6
Arkansas	2016	68.3
Colorado	2011	55.8
Colorado	2016	57.9
Mississippi	2011	69.1
Mississippi	2016	71.7
North Dakota	2011	65.1
North Dakota	2016	68.8
South Carolina	2011	65.7
South Carolina	2016	67.2
West Virginia	2011	68.3
West Virginia	2016	70.3

DYNAMIC GRAPH: OBESITY VS ...



BEST FIT REGRESSION MODEL

```
> lin.fit = lm(obesity~inactivity+poverty+chci, data = adult.ob2)
> summary(lin.fit)
Call:
lm(formula = obesity ~ inactivity + poverty + chci, data = adult.ob2)
Residuals:
   Min
            10 Median 30
                                 Max
-6.8799 -1.1218 0.0348 1.6620 3.5574
Coefficients:
            Estimate Std. Error t value Pr(>|t|)
(Intercept) 113.12585    10.13494    11.162    < 2e-16 ***
inactivity 0.33255 0.04986 6.669 4.95e-10 ***
poverty -0.24577 0.08051 -3.053 0.0027 **
chci -0.37677 0.06053 -6.224 4.85e-09 ***
Signif. codes: 0 '*** 0.001 '** 0.01 '* 0.05 '.' 0.1 ' ' 1
Residual standard error: 1.959 on 146 degrees of freedom
Multiple R-squared: 0.6135, Adjusted R-squared: 0.6056
F-statistic: 77.25 on 3 and 146 DF, p-value: < 2.2e-16
```

THEEMO