

Test It First!

Alan T. Arnholt

Department of Mathematical Sciences
Appalachian State University

Last compiled: Jan 30, 2017

This is an R Markdown presentation. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see <http://rmarkdown.rstudio.com>.

When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document.

Slide with Bullets

- ▶ Bullet 1

Slide with Bullets

- ▶ Bullet 1
- ▶ Bullet 2

Slide with Bullets

- ▶ Bullet 1
- ▶ Bullet 2
- ▶ Bullet 3

Slide with Bullets

- ▶ Bullet 1
- ▶ Bullet 2
- ▶ Bullet 3
- ▶ Bullet 4

Slide with Bullets

- ▶ Bullet 1
- ▶ Bullet 2
- ▶ Bullet 3
- ▶ Bullet 4
- ▶ Something else

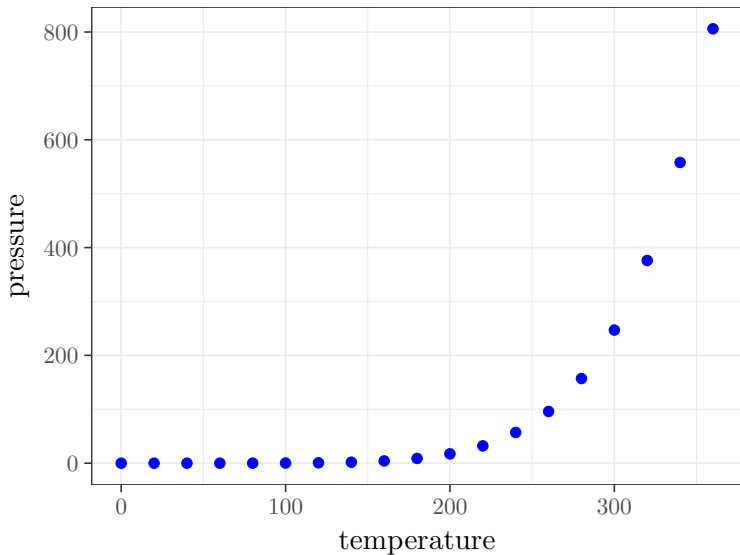
[My web page](#)

Slide with R Output

```
summary(cars)
```

speed	dist
Min. : 4.0	Min. : 2.00
1st Qu.:12.0	1st Qu.: 26.00
Median :15.0	Median : 36.00
Mean :15.4	Mean : 42.98
3rd Qu.:19.0	3rd Qu.: 56.00
Max. :25.0	Max. :120.00

Slide with Plot (dev = "tikz")



$$\bar{x} = \sum_{i=1}^n \frac{x_i}{n} \quad (1)$$

$$s^2 = \sum_{i=1}^n \frac{(x_i - \bar{x})^2}{n - 1} \quad (2)$$

Experiment

```
knitr::kable(ggplot2::diamonds[1:5, 1:9])
```

carat	cut	color	clarity	depth	table	price	x	y
0.23	Ideal	E	SI2	61.5	55	326	3.95	3.98
0.21	Premium	E	SI1	59.8	61	326	3.89	3.84
0.23	Good	E	VS1	56.9	65	327	4.05	4.07
0.29	Premium	I	VS2	62.4	58	334	4.20	4.23
0.31	Good	J	SI2	63.3	58	335	4.34	4.35