# VermaGourav\_Week\_11-12\_R

### March 5, 2021

Gourav Verma Week 11-12 Histogram Box-Plot Bullet Chart - Using R

```
[4]: library(readxl)
library(plotly)
library(reshape2)
```

Warning message:

"package 'reshape2' was built under R version 3.6.3"

```
[5]: data <- read.csv('education.csv')
```

# [6]: head(data)

		state	reading	$\operatorname{math}$	writing	percent_graduates_sat	pupil_staff_ratio
A data.frame: $6 \times 7$		<fct $>$	<int $>$	<int $>$	<int $>$	<int $>$	<dbl></dbl>
	1	United States	501	515	493	46	7.9
	2	Alabama	557	552	549	7	6.7
	3	Alaska	520	516	492	46	7.9
	4	Arizona	516	521	497	26	10.4
	5	Arkansas	572	572	556	5	6.8
	6	California	500	513	498	49	10.9

#### Histogram

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#### Box Plot

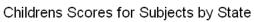
```
[8]: fig <- plot_ly(y = ~data$math, type = "box", name = 'Math')
fig <- fig %>% add_trace(y = ~data$writing, name = 'Writing')
fig
```

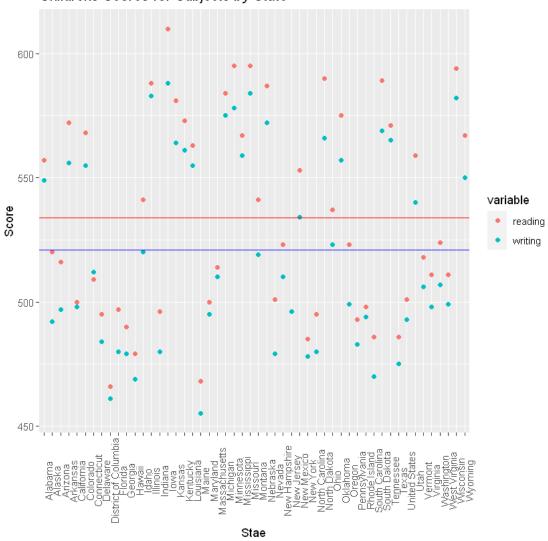
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# Bullet Chart fig <- plot\_

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## Scatter Plot





[]: