R Notebook

```r
library(knitr)
```

```
## Warning: package 'knitr' was built under R version 3.4.3
```

```r
library(tidyverse)
```

```
## Warning: package 'tibble' was built under R version 3.4.3
```

```
## Warning: package 'tidyr' was built under R version 3.4.3
```

```r
library(xtable)
library(kableExtra)
```

```
## Warning: package 'kableExtra' was built under R version 3.4.4
```

```r
af = read_csv("final_project_data/AF_Data.csv")
des = read_csv("final_project_data/Descriptors_Census.csv")
des$Yr = as.factor(des$Yr)
des$FallEnrollment = as.double(des$FallEnrollment)


des2 = des[,c(-1,-2,-3, -4)]
```

"% Single Parent Families","% Free and Reduced Lunch","% with College Degree","% With High School Degree","% Below High School","Fall Enrollment","% Non Special Education Teachers","Average Teacher Salary","% with Advanced Degrees","Average Years Experience","FTE Special Education Teachers","FTE Counselors","FTE Other Staff","FTE ADministrators"

```r
t = kable(summary(des2[,c(1,2,3,4,6)]),
      format = "latex",
      booktabs=T,
      digits = 2,
      row.names = FALSE,
      col.names = c("Average Income","Average Property Value /ADM", "Unemployment Rate","Poverty Rate",
      caption = "Summary Statistics for OEQA Report",
      escape = TRUE,
      format.args = list(decimal.mark = ".", big.mark = ",")) %>% column_spec(2:3, width = "5cm")
t
```

Table 1: Summary Statistics for OEQA Report

Average Income	Average Property Value /ADM	Unemployment Rate	Poverty Rate	% Free & Redu
Min. : 25047	Min. : 0	Min. :0.00000	Min. :0.0200	Min. :0.0000
1st Qu.: 50849	1st Qu.: 28507	1st Qu.:0.05000	1st Qu.:0.1200	1st Qu.:0.5130
Median : 56810	Median : 41924	Median :0.07000	Median :0.1700	Median :0.6690
Mean : 59681	Mean : 52973	Mean :0.06931	Mean :0.1709	Mean :0.6538
3rd Qu.: 65339	3rd Qu.: 56464	3rd Qu.:0.09000	3rd Qu.:0.2300	3rd Qu.:0.8020
Max. :219858	Max. :824541	Max. :0.28000	Max. :0.5600	Max. :1.4200
NA's :7	NA's :7	NA's :7	NA's :7	NA's :7