R Notebook

library(knitr)

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

library(tidyverse)

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

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

library(xtable)  
library(kableExtra)

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

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”

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Average Income | Average Property Value /ADM | Unemployment Rate | Poverty Rate | % Free & Reduced Lunch |
| 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 |