

# Assingment 3

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## Import CSV

```
# Import CSV
c_data <- read.table(file = "acs-14-1yr-s0201.csv", header = TRUE, sep = ",")
```

## Field & Data Type

```
# Creating vectors
field <- c("Id","Id2","Geography","PopGroupID","POPGROUP.display.label","RacesReported","HSDegree","BachDegree")
type <- c("varchar","numeric","character","numeric","character","numeric","numeric","numeric")
intent <- c("Unique Identifier of each row","Numeric version of ID. Anonther unique Identifier","County Name")
# Creating data frames
dt <- data.frame(Field=field,Type=type,Intent=intent)
# Library for converting into Tables
library(kableExtra)
# Converting into Table
dt %>% kbl() %>% kable_styling(bootstrap_options = c("striped", "hover"))
```

## Functions Output

```
#Str output
str(c_data)
```

```
## 'data.frame':    136 obs. of  8 variables:
## $ Id              : chr  "05000000US01073" "05000000US04013" "05000000US04019" "05000000US06001"
```

Field	Type	Intent
Id	varchar	Unique Identifier of each row
Id2	numeric	Numeric version of ID. Anonther unique Identifier
Geography	character	County Name
PopGroupID	numeric	unique identifier of measures
POPGROUP.display.label	character	Name of the measures (Population)
RacesReported	numeric	Population value
HSDegree	numeric	Percentage of Highschool passout
BachDegree	numeric	Percentage of Bachelor degree

```
## $ Id2 : int 1073 4013 4019 6001 6013 6019 6029 6037 6059 6065 ...
## $ Geography : chr "Jefferson County, Alabama" "Maricopa County, Arizona" "Pima County,
## $ PopGroupID : int 1 1 1 1 1 1 1 1 1 1 ...
## $ POPGROUP.display.label: chr "Total population" "Total population" "Total population" "Total popu
## $ RacesReported : int 660793 4087191 1004516 1610921 1111339 965974 874589 10116705 314551
## $ HSDegree : num 89.1 86.8 88 86.9 88.8 73.6 74.5 77.5 84.6 80.6 ...
## $ BachDegree : num 30.5 30.2 30.8 42.8 39.7 19.7 15.4 30.3 38 20.7 ...
```

```
#nrow output
nrow(c_data)
```

```
## [1] 136
```

```
#ncol output
ncol(c_data)
```

```
## [1] 8
```