

# Homework Assignment 1

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## Enrollment Data

### 1. How many observations are in your current dataset?

There are 19126783 observations in my dataset full.ma.data

### 2. How many different plan\_types are there?

```
unique_type <- unique(full.ma.data$plan_type)
unique_type
```

There are 26 different plan\_types in full.ma.data

### 3. Provide a table of the count of plans under each plan type in each year

```
plan_count <- full.ma.data %>%
  group_by(year, plan_type) %>%
  select (year, plan_type) %>%
  summarize(plan_count=n())
```

```
(year_table <- pivot_wider(plan_count, names_from = year, values_from = plan_count))
```

```
knitr::kable(year_table, col.names=c("", "2007", "2008", "2009", "2010", "2011", "2012", "2013", "2014")
type="html", caption = "Plan Count by Year", booktabs = TRUE)
```