Learning R Live!

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Create a data set

Wrangle some data

Method 1

Summarize Method 2

```
summarise("n" = n(),
                           "Mean X1" = mean(X1),
                           "SD X1" = sd(X1)
## # A tibble: 2 x 4
##
     Gender
                n 'Mean X1'
                              `SD X1`
                      <dbl>
##
      <dbl> <int>
                                <dbl>
## 1
              497
                   20.01193 4.859892
          0
              503 20.41033 5.225223
          1
# Means of all variables in data frame
        # Get names of all columns
        dat_cov <- names(Data)</pre>
        # Create summary table
        Data %>%
                group_by(Gender) %>%
                select(one_of(dat_cov)) %>%
                summarise_all(funs(mean(., na.rm = T), sd(., na.rm = T)))
## # A tibble: 2 x 9
##
     Gender
              P_mean Age_mean X1_mean
                                          X2_mean
                                                       P_sd
                                                              Age_sd
                                                                        X1_sd
##
      <dbl>
               <dbl>
                        <dbl>
                                  <dbl>
                                            <dbl>
                                                      <dbl>
                                                               <dbl>
                                                                        <dbl>
          0 19.95874 49.22137 20.01193 0.3179074 4.966017 17.18427 4.859892
## 1
## 2
          1 20.04677 50.44463 20.41033 0.2803181 5.059133 17.30838 5.225223
## # ... with 1 more variables: X2_sd <dbl>
```

This is some text! Hey looking at the table above, I can see that the Gender distribution is about equal, and the mean and SD of X1 are approximatly equal as well!