Reproducible document

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2+2

## [1] 4

nhanes\_small

## # A tibble: 10,000 x 14  
## age sex height weight bmi diabetes diabetes\_age phys\_active\_days  
## <int> <fct> <dbl> <dbl> <dbl> <fct> <int> <int>  
## 1 34 male 165. 87.4 32.2 No NA NA  
## 2 34 male 165. 87.4 32.2 No NA NA  
## 3 34 male 165. 87.4 32.2 No NA NA  
## 4 4 male 105. 17 15.3 No NA NA  
## 5 49 female 168. 86.7 30.6 No NA NA  
## 6 9 male 133. 29.8 16.8 No NA NA  
## 7 8 male 131. 35.2 20.6 No NA NA  
## 8 45 female 167. 75.7 27.2 No NA 5  
## 9 45 female 167. 75.7 27.2 No NA 5  
## 10 45 female 167. 75.7 27.2 No NA 5  
## # ... with 9,990 more rows, and 6 more variables: phys\_active <fct>,  
## # tot\_chol <dbl>, bp\_sys\_ave <int>, bp\_dia\_ave <int>, smoke\_now <fct>,  
## # poverty <dbl>

nhanes\_small %>%  
 filter(!is.na(diabetes)) %>%   
 group\_by(diabetes, sex) %>%   
 summarise(mean\_age = mean(age, na.rm = TRUE),  
 mean\_bmi = mean(bmi, na.rm = TRUE)) %>%   
 ungroup()

## `summarise()` has grouped output by 'diabetes'. You can override using the `.groups` argument.

## # A tibble: 4 x 4  
## diabetes sex mean\_age mean\_bmi  
## <fct> <fct> <dbl> <dbl>  
## 1 No female 36.5 26.2  
## 2 No male 34.3 26.1  
## 3 Yes female 59.9 33.7  
## 4 Yes male 58.6 31.5