

Shrub_Volume

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R Markdown

```
read.csv("../data-raw/shrub-volume-data.csv") -> shrub_data
```

```
shrub_data %>% mutate(volume = length * width * height) %>% group_by(site) |> summarize(mean_volume = mean(volume))
```

```
## # A tibble: 4 x 2
##   site mean_volume
##   <int>      <dbl>
## 1     1        23.8
## 2     2        26.6
## 3     3        23.1
## 4     4        57.1
```

##The data is creating a volume column, grouping by site, and summarizing the overall mean volume of each site

```
shrub_data |> mutate(volume = length * width * height) %>% group_by(experiment) |>
summarize(mean_volume = mean(volume))
```

```
## # A tibble: 3 x 2
##   experiment mean_volume
##         <int>      <dbl>
## 1           1        22.0
## 2           2        53.8
## 3           3        22.1
```

##The data is creating a volume column, grouping by experiment, and summarizing the overall mean volume of each experiment