ALM: Week 2 Lab

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Agenda

- Catch up
- Any remaining lecture work
- R commands review
- Work time and questions

Catch up

- Any issues this week?
- Successes or tips to share?
- Tidy workspace/workflow?

Lecture work

R commands review

 ▶ Commands for Loading & Summarizing Data

```
# install.packages("package_name")
# library(package = "file_name")
# read.csv (file = "file_name")
# summary(object = "object_name")
```

 ▶ The "Select" command

```
# select() - used to select specific variables from the dat

# df_clean <- df %>%
#              select (variable_name1, variable_name2, var
```

 ▶ The "Filter" command

```
# filter() - used to filter a variable by specific criteria

# df_clean <- df %>%
#              filter (variable_name < 4)
```

R commands continued

- ▶ Histogram using `ggplot`

```
# df %>%
#  ggplot(aes(x = variable_name) +
#  geom_histogram()
```

- ▶ Descriptive table using `TableOne`

```
# myTable <- CreateTableOne(data = df)

# print(myTable)
```

- ▶ Chi-Squared Analysis

```
# CrossTable(x = df$var1, y = df$var2,
#            chisq = TRUE)
```

Questions & Work time