# Retrieval Practice and Learning

[What is Retrieval Practice?](https://www.retrievalpractice.org/why-it-works)

Introduction:

1. Read the csv file into a Pandas dataframe
2. Display the initial rows

Question-1

1. Group the dataframe by “condition” and compute the mean of “PR.2” column for each category (What is “PR.2” column) ; Let’s call the output X.
2. Visualize X (Which type of plot is the best choice for X, as a categorical variable?)

Question-2

1. Repeat the same steps as Q-1, instead of “PR.2”, consider the “TS.avg” column. (What is “TS.avg”? )

Question-3

1. Use any measure to see how well the predictions (“PR.2”) are compared to the real values (“TS.avg”).
2. Plot the output. (Optional)

Question-4

1. Use a cross tabulation and summarize the condition vs. age
2. Use a cross tabulation and summarize the condition vs. gender
3. Visualize the output (Optional)