

Movie Marathon Madness

Step 1: Review the Movie Length Data - Twenty movies were timed for a class movie marathon.

Movie Lengths (minutes): 98, 120, 105, 130, 115, 90, 100, 95, 140, 125, 110, 85, 150, 132, 118, 102, 137, 128, 145, 94

Step 2: ChatGPT Prompt - Copy and paste this into ChatGPT:

"Please organize these movie lengths into a **sorted list**, then find the **mean, median, and mode**. Also, make a **histogram** that groups the movies into time ranges: 80-99, 100-119, 120-139, and 140-159 minutes."

Step 3: Record Your Results – Mean _____, Median _____, Mode _____

Step 4: Check Your Understanding

- Which time range had the **most** movies?
☐ 80-99 ☐ 100-119 ☐ 120-139 ☐ 140-159
- What is the **mean** movie length?
☐ 110 ☐ 115 ☐ 120 ☐ 125
- What is the **median** movie length?
☐ 110 ☐ 115 ☐ 120 ☐ 125
- Are most movies **shorter than** or **longer than** 120 minutes?
☐ Shorter ☐ Longer
- What kind of chart best shows how movies are grouped by length?
☐ Line chart ☐ Histogram ☐ Pie chart ☐ Scatter plot

