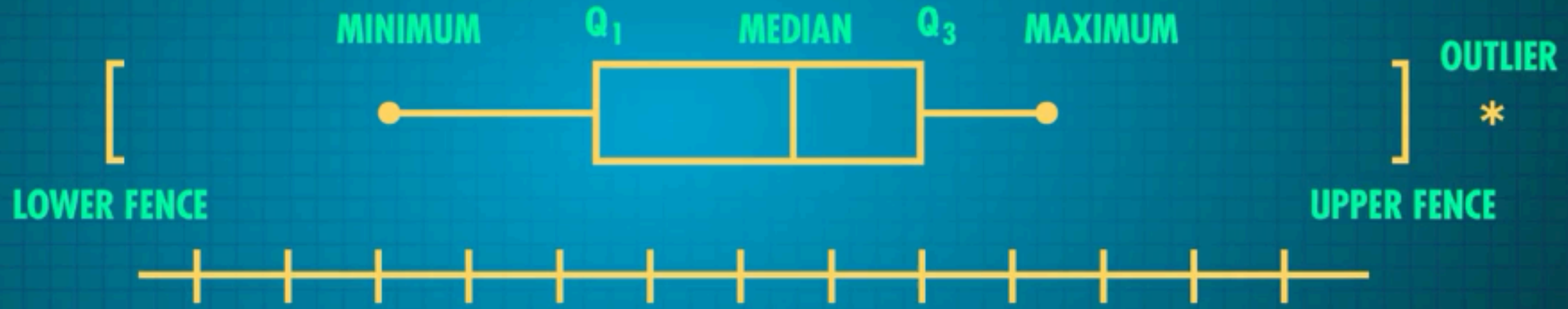
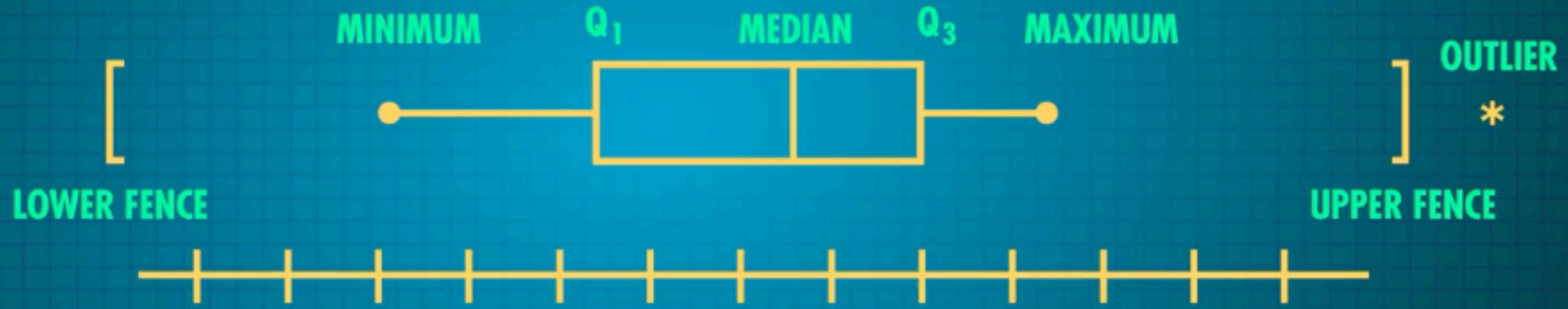
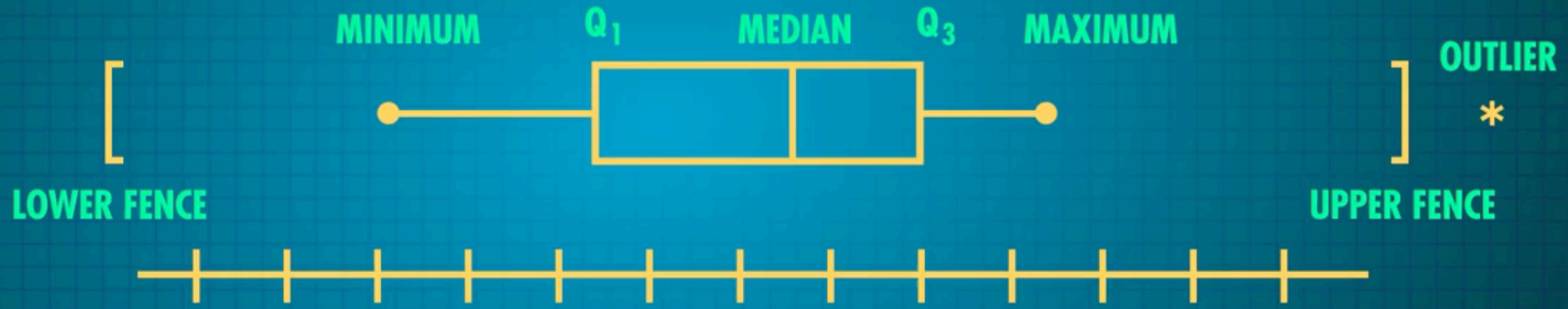
# BOX-AND-WHISKERS PLOT



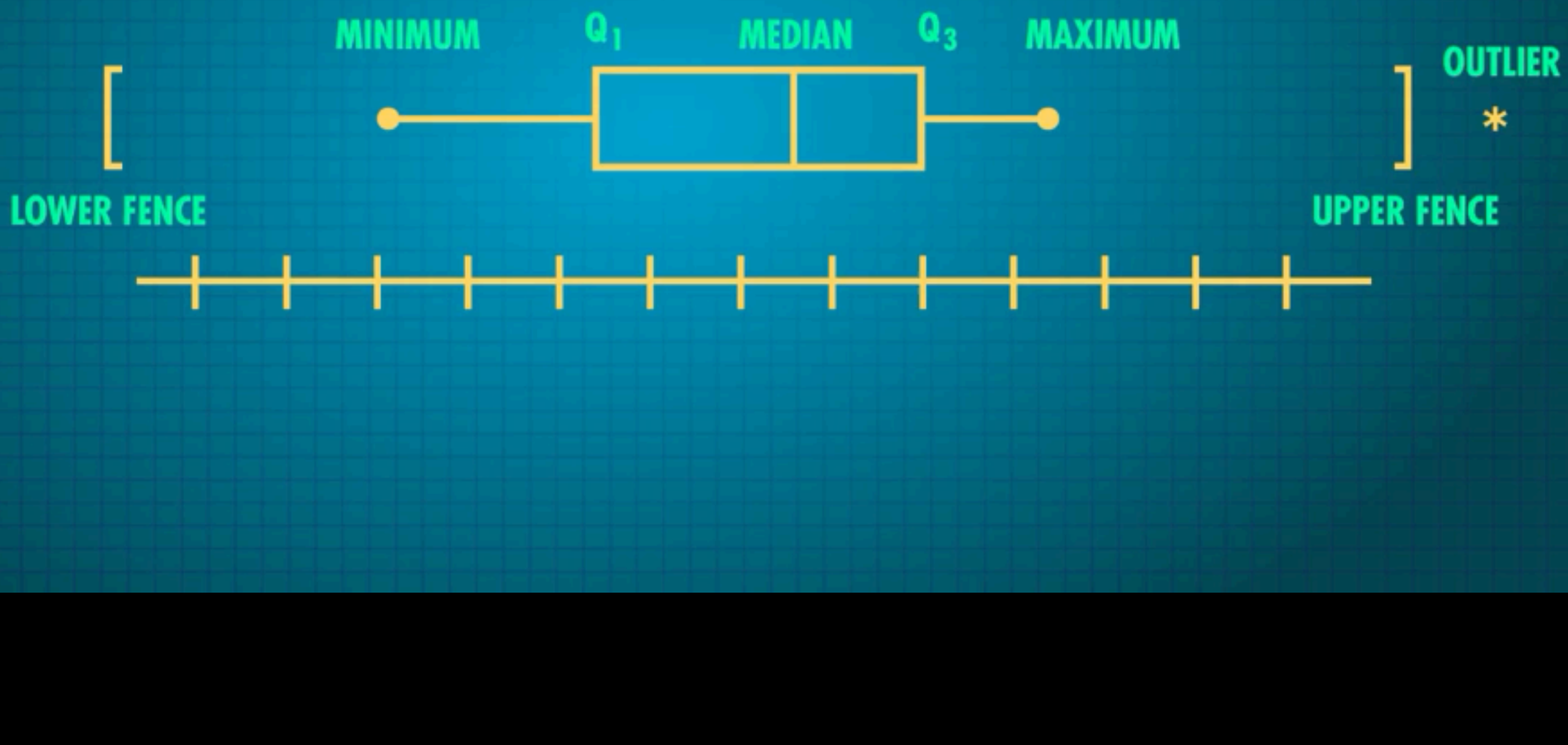
# BOX-AND-WHISKERS PLOT



# BOX-AND-WHISKERS PLOT



# BOX-AND-WHISKERS PLOT



# BY THE END OF THIS SESSION YOU SHOULD BE ABLE TO:

- Conceptual:
    - Explain variance in terms of the advantages of squaring its values and why it is calculated differently for a population and a sample.
    - Draw a positively-skewed, normal, and negatively-skewed distribution, identifying the mean, median, and mode in each.
    - Identify the various parts of a box-plot, such as the median, Q1, Q2, IQR, and the minimum (i.e., Q1 - 1.5*IQR) and maximum (i.e., Q3 + 1.5*IQR).
- Coding:
    - Perform a simple merge using two DataFrames.  [In-class | Session 05 and 06]
    - Create a simple box plot using the seaborn package. [In-class | Session 06]

- Create a simple box plot using the seaborn package. [In-class | Session 08]
- Perform a simple merge using two DataFrames. [In-class | Session 02 and 08]
- Coding:
  - Identify the various parts of a box-plot, such as the median, Q1, Q3, IQR, and the minimum (i.e., Q1 - 1.5*IQR) and maximum (i.e., Q3 + 1.5*IQR).