

Histogram Charts:

- Used histogram charts to plot distributions.
- Identified normal distribution in the height-weight dataset but not in the other dataset.

Bin Size and Bin Number:

- Explored the impact of varying bin size and bin number.
- Observed that while mean and standard deviation remain constant, data representation changes.

Standardization:

- Calculated mean and standard deviation.
- Standardized data for analysis, using a separate column.
- Counted data points using a simple COUNT formula.

Z-Table Compatibility:

- Selected Z-table values for analysis.
- Found compatibility in the height-weight dataset.
- Identified issues in the Titanic dataset due to non-normal distribution.

Overall Analysis:

- Summarized insights from analyzing six different tasks.
- Recognized the importance of understanding data distribution for accurate analysis



For some reason the histogram disappears from my PC, even though I have saved the file. I will show you detailed analysis in person.