

(/)



Curriculum

Professional Foundations ^

Average: 97.49% v

Week 5 ≡

Manipulation of Charts Pt 1

Now that you know how to use visualization as a tool to improve the analysis you have done, it is important to touch on an important aspect of data analysis.

Data analysis isn't only about coming to an answer but coming to the right answer which is logically sound and ethically based. Ethics comes in, in how you use the data as well as how you present it. Some people manipulate and distort graphs knowingly and unknowingly. There are serious ramifications when people manipulate charts, from being legally sued to losing your business, to altering voters' and people's mindsets on various topics.

As ethical leaders of tomorrow, it is crucial to understand data manipulation to avoid making mistakes and recognize flaws in others' work. Take a look at the next video with examples of misleading graphs and charts that have influenced public perception on various topics.

As you watch make note of:

- What is cherry-picking
- The use of cumulative data instead of annual data
- How pie charts and bar graphs can be used to misrepresent data.



(/)



References:

1. <https://youtu.be/x-rDVXVwW9s>

◀ Back
(/concepts/104343?project_id=101000)

Next ▶
(/concepts/104345?project_id=101000)

Copyright © 2024 ALX, All rights reserved.