

Assignment: Examine Data Breaches

Week 2: Assignment

Written by: Elsa Khoza

- Click "Show Filter" to display the filter menu.
- Under "Organisation," click "Retail."
- Under "Method of Leak," click "Hacked." How many bubbles appear?

Analysis

1. Method of Leak: Hacked

- Total bubbles: 17
 - Orange bubbles: 6
 - Dark blue bubbles: 10
 - Light blue bubbles: 1
- Under "Organisation," click "Government."
 - Under "Method of Leak," click "Inside Job." How many bubbles appear?

Organization: Government & Method of Leak: Inside Job

- Bubbles: None (zero)
- Under "Organisation," click "All."
 - Under "Method of Leak," click "All."
 - At the top of the graphic, click "Method of Leak" so that the bubbles display how the leak occurred. Which type of leak is the most common? Why do you think this is the case?

Most Common Method of Leak

- **Poor Security** appears to be the most common type of leak. This suggests that many organizations do not have adequate security measures in place to protect sensitive data, making them vulnerable to breaches.
- Examples:
 - Visitors accessing unauthorized information.
 - Aadhaar's vulnerability in biometrics.
 - Lost devices contribute to data exposure, but fewer in number compared to hacking.
- **Does this visual convey a better story than the textual data in the previous project? Comment your findings on this activity in a document and upload it via github and share the link.**

Comparison to Textual Data

The visual format conveys a more immediate understanding of the scale and frequency of data breaches compared to textual data.

- **Advantages of Visuals:**

- The size of the bubbles immediately communicates the relative size of the breaches.
- Easier to spot patterns, such as the prevalence of poor security as a method of leak.
- Visuals are often more engaging and easier to interpret at a glance than text.