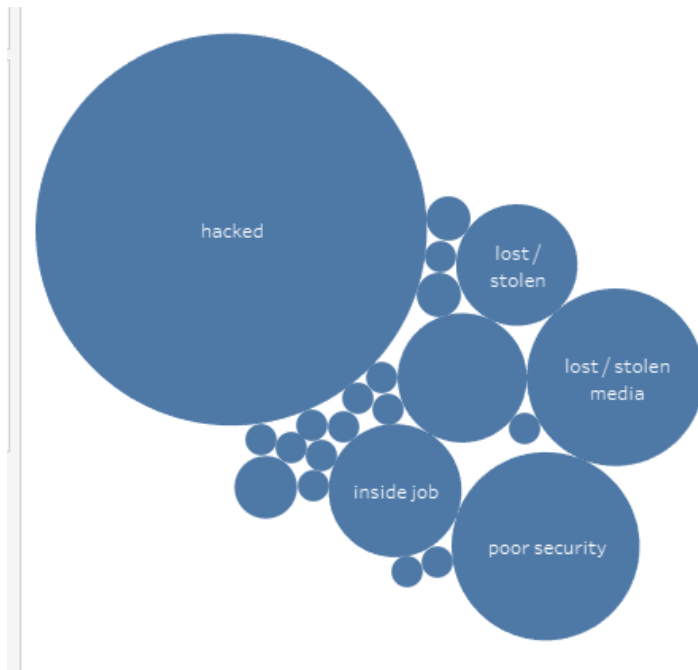**Lojain Idris**

5/5/2025

Tableau Plots

Top Data Breaches 2004-2021

Packed Bubble plot- Most Used Methods in Data Breaches (2004-2021)

This packed bubble organizes the frequency data breaches that happen through the years 2004-2021. This packed bubble visualizes the number of attacks that happened and shows which type of breach happens. As you see each bubble represents method category, with its size corresponding to the number of reported breaches from 2004-2021. The largest bubbles include hacked, poor security, lost/stolen media, inside, this indicates the preferred techniques over years. This plot highlights how cybercriminals preferred most digital attacks over those years.

Horizontal Bar Plot- Total Records Breached by Method (2004-2021)

This horizontal bar plot shows the sum number of records compromised by each method in data breaches from 2004 to 2021. Each bar represents the different type of method to breach, and the length of the bar represents the number of records was breached. As it shows in the chart due to poor security and hacking, the number of exposed records is large, this indicates the most technique cybercriminals used to breach data. This visualization shows how technical vulnerabilities and poor security practices result in the highest volumes of data breach.