The C.I.A. (Confidentiality, Integrity, and Availability) service triad is the goal of most computer systems. Search the news for a company data problem that occurred in the past 12 months. Identify which of these three parts of the service were compromised. Provide a URL to the news items you located. Explain the reasoning behind your selection.

Respond to at least two other peers, providing meaningful and insightful discussion/feedback beyond what has already been posted.

Hello Class,

First reported in October popular genetics testing company 23andMe suffered a data breach. 23andMe is a well-known company to compare DNA results with possible relatives and help those connect. It was initially stated the attackers were able to infiltrate users accounts and get into some of the users’ more personal data through the company’s opt-in sharing service known as DNA Relatives. At first the company only stated that .1% or 14,000 user accounts were compromised. Upon further investigation through SEC filings, the total approximate number of affected accounts was around 5.5 million.

When it comes to the service triad, there are 2 pieces that have been compromised would be Confidentiality and Integrity. Confidentiality is the state of being kept secret or private. The fact that attackers were able to get past the securities of the site and get users personal information, the breach was started at the confidentiality portion of the triad. Integrity is the quality of being honest. They breached this portion by constantly changing the number of affected users and almost brushing it off as not a big deal.

Reference:

https://www.wired.com/story/23andme-breach-sec-update/