Read the following article and answer the subsequent questions:

[https://www.forbes.com/sites/charlestowersclark/2019/01/23/the-ethics-of-data-governance-data-comes-with-benefits-and-liabilities/#46a3536215a1 (Links to an external site.)Links to an external site.](https://www.forbes.com/sites/charlestowersclark/2019/01/23/the-ethics-of-data-governance-data-comes-with-benefits-and-liabilities/#46a3536215a1)

**Questions**:

1. What is the one challenge facing many people when thinking about data at an organization?
2. What is driving change in the way companies think about data and data governance (think about what was discussed a few weeks ago)?
3. The article discussing the importance of "trusting the data" especially as AI continues to be used to make decisions. What part of the CIA triangle helps to ensure the data can be trusted?
4. What is the one challenge facing many people when thinking about data at an organization?

* In short of the data specialist who can handle the data hurdles which the companies do face and There is need of the professional data Handling team under every organization to make sure the data is made secure as possible

1. What is driving change in the way companies think about data and data governance (think about what was discussed a few weeks ago)?

* Most of the companies are still stuck with the old crude methods and are doing well until now. The growth of IoT and AI has led to different infrastructures and setup in the world and has become common and normal to use those data handling machines such are terra data
* The people or the companies had never used to think about the data and where It is coming from, they were concerned only about handling the data. By the GDPR which came into force in the eastern section, the people in the organization have to think about it as the data will be passed through a lot of processes and they have to be good and have to think of securing the data of the people.
* Keeping data more securely and treating it with more respect and came to implementation after the GDPR and the data is now handled more carefully keeping policies, Ethics and procedures in mind in companies. The data of the people like PII has too looked after more importantly secured because of terrific usage of PII came into force. Now everyone wants their data to be more secure to make sure their data is not misused anywhere.
* Transparent data governance is urged by consumers more from now on as they want to know whether their data is secure or not so the maintaining data governance and transparency had also become the driving force to think more about data governance in the companies

1. The article discussing the importance of "trusting the data" especially as AI continues to be used to make decisions. What part of the CIA triangle helps to ensure the data can be trusted?

* I feel the Integrity of the CIA makes helps to ensure that data can be trusted. The integrity Deals with the trustworthy-ness of the sensitive data and handling that data in a proper manner like having good authorization policies and making sure it doesn’t let go to control unauthorized people.
* In addition, data should not be altered in any sense and should retain its originality and also the version control on data could make the data more flexible to use.
* The system should data redundancy, backup and also should be able to handle the data breach and handle the data with the backup data it has.

Governance, Risk, and Compliance is an important part of developing security programs at organizations. Read the following articles and answer the subsequent questions.

[https://www.cio.com/article/3206607/compliance/what-is-grc-and-why-do-you-need-it.html (Links to an external site.)Links to an external site.](https://www.cio.com/article/3206607/compliance/what-is-grc-and-why-do-you-need-it.html)

[https://techspective.net/2019/02/08/grc-101-an-introduction-to-governance-risk-and-compliance/ (Links to an external site.)Links to an external site.](https://techspective.net/2019/02/08/grc-101-an-introduction-to-governance-risk-and-compliance/)

[https://www.marketwatch.com/press-release/enterprise-governance-risk-and-compliance-egrc-market-in-depth-analysis-on-forthcoming-development-and-forecast-by-2026-2019-02-07 (Links to an external site.)Links to an external site.](https://www.marketwatch.com/press-release/enterprise-governance-risk-and-compliance-egrc-market-in-depth-analysis-on-forthcoming-development-and-forecast-by-2026-2019-02-07)

1. Explain the primary differences between governance, risk, and compliance (see CIO article).

* *Governance*: Aligning with IT operations can surely make support on the organization business goals.
* *Risk*: Organizational activities are identifying and need for addressing the risk inside the company. IT risk management deals with lots of organizational policies and risk management strategies more specifically towards meeting business goals with managing risk which it could identify.
* *Compliance*: compliance can be one of the biggest offset of the company if it has not been stated or implemented properly in the company. Compliance more precisely makes sure that IT systems and data inside of the company is made sure to be secured.

1. What is the purpose of GRC?
   * The main purpose of the GRC is to provide guidance towards the operational management of IT functions so It helps to ensure that IT supports and enables the strategic objectives of the business
   * There are many different frameworks which can be used by the organization for the operation of the IT Management and support but GRC is not just about the tool. It is a process which helps to follow the guidelines and purpose of the organization. The framework clearly defines the measurables and makes sure it enlightens the effectiveness of the organization GRC efforts.
2. What is one of the reasons for growth in the EGRC market (see MarketWatch article)?
   * The Global enterprise governance has taken a hype as there is an Increase in government regulations bisecting among various business fields. The EGRC forecast to get in demand in the market break down can come in to picture
   * The more platform independent software’s, cloud infrastructure, AI are making business to have more collaboration among the technologies to operate and run the business. As the Platforms are combined and operations are made more with each other EGRC is expected to adapt to the target market.