

Select one of the following trends (or another trend of interest to you). Discuss your understanding of this trend in healthcare and its relevance for INS practice. As an INS leader, what recommendations do you have for managing these impacts?

- **Data analytics and data science**

All,

Data science is the intersection of two disciplines (computers and science) and aids in extracting meaningful data for purposeful and applied use (Tractenberg, 2022). Data analytics creates usable information and knowledge based on the data extracted. Combining these two provides evidence that users can implement into their practice based on real-time data analysis and computation. As an INS leader, there are a few data science and analytics considerations. First, the data collected must be accurate and objective. Second, it must fit the desired outcome without obscuring the baseline objectives. Once the data is extracted, it must comply with privacy laws and standards. To achieve these, the INS nurse works collaboratively with stakeholders to form relevant policies and procedures for data extraction, use, and sharing (McGonigle & Mastrian, 2022).

Jess

McGonigle, D., & Mastrian, K. (2022). *Nursing informatics and the foundation of knowledge* (5th ed.). Jones & Bartlett.

Tractenberg, R. E. (2022). *Ethical Practice of Statistics and Data Science* (First edition.). Ethics International Press Ltd.

. Brandon,

Leading a team is quite a challenge, and I commend your aspirations. This week, some team members and I attended the Press Ganey Human Experience 2025 conference in Orlando, Florida. This was a great chance to network with all branches of healthcare and personnel who improve the human experience. I learned the importance of the "person" in healthcare. Social capital "refers to the accumulation of resources people develop by connecting" (Lee, 2025). This enables organizations to do things other