**Assignment: The Impact of Nursing Informatics on Patient Outcomes and Patient Care Efficiencies**

Student's Name

Institutional Affiliation

Course Number: Course Name

Professor's Name

Due Date

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Nursing informatics is one of the critical areas in the nursing profession that every nurse should be well advanced with. This would ensure that a nurse is more informed to obtain the most effective data and information management during their practices (Karp et al., 2019). Relying on facts such as alternative facts that many nurses interact with on the internet may not be very necessary because they cannot be proven scientifically. Anything considered a fact either is or is not because an alternative to truth does not exist. Thus, an alternative fact may be difficult to prove scientifically because scientists find it difficult to make claims about them. Playing with scientific data is one thing that I enjoy doing at any point when I am presented with voluminous data to establish the truth about them. Watching the data trends from beginning to end makes the whole process enjoyable.

The other fields that are also largely dependent on data and its analysis include data engineering, quantitative analysis, data analysis consultation, and operational analysis. However, despite the numerous fields in which data analysis stands higher chances of enabling work process, misuse of data analysis has become common in certain areas. Examples of data misuse include data fishing, which is usually done without any valid hypothesis. Secondly, data analysis has also faced intentional and selective bias that many scientists do to serve their interests, and cases of rejecting or ignoring the right data can inform proper data analysis. Considering the mentioned misuse of data analysis, there are high chances that it will be challenging to obtain the needed truth concerning the date. When the same data misuse gets into a healthcare organization, it is unlikely to achieve patients’ outcomes and care efficiency. An example of such incidents may occur when a lab technician is allowed to access patient databases purposely to enter data but later on decides to misuse the same data to spy on patients. Such actions greatly lead to panic, and the patients begin to doubt the healthcare organization's efficiency.

**Reference**

Karp, E. L., Freeman, R., Simpson, K. N., & Simpson, A. N. (2019). Changes in efficiency and quality of nursing electronic health record documentation after implementation of an admission patient history essential data set. *CIN: Computers, Informatics, Nursing*, *37*(5), 260-265.