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**Title: XN Project: Pros & Cons**

**ALY 6080 – Integrated Experiential Learning**

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Business Performance is a series of analytic processes that allow for the management of an organization's output to meet pre-determined objectives. A broad variety of metrics can be used to assess a company's profitability, growth, or social success. Activities that are closely related to business competencies and aid the entrepreneur in meeting business objectives based on key performance metrics. The Health care Datasets are widely available and certainly a powerful thing. Data from the health-care industry is collected and analyzed on a regular basis, but real-time data analytics systems allow for continuous acquisition and analysis. Users will get fast insights without having to wait for further analysis because of the transformative nature of a real-time data processing loop. Patient information can be obtained as Name, Place, Date of Birth, Sex, Identification Number, Diagnoses Data, Hospital Data, Disease Data, Blood Group, etc. There's a reason why executive summaries are considered the most valuable aspect of almost any business document they include the goal, main takeaways, and most important action items. Filter and vet your information to reaffirm.

**Advantages:**

* The Dataset is well-known, and there are numerous code examples available. Sorting, scanning, filtering, and control are all built-in features. It works with any data type natively. Population-based data can help with the evaluation of care quality in all types of settings because feasibility and effectiveness trials can use the same non-experimental data structures. Our main points conclude with recommendations and further steps
* Analytics provide decision-makers with the information they need to help the business develop and compete. Improved understanding of purchasing habits aids in the production of more effective strategies. Multiple data sets can be analyzed at the same time, making the process faster and more accurate. Effectiveness trials of outcomes from representative populations of both hospitals and doctors are uncommon. With larger sample sizes, the inference can be expanded
* High-Quality Care, Fraud Detection, and Early Action can be taken if the right data is available. Quantitative data provides a macro perspective with all of the necessary details and wider samples than qualitative data. They can now segment trends, patterns, and sentiments using new big data techniques to rapidly and easily understand the patient’s behavior

**Disadvantages:**

* From a logistical standpoint, companies who wish to use big data must rethink their whole data collection strategy. Privacy is the main issue to tackle while working on large sets of data. It squanders memory and bandwidth. It isn't typed
* For example, is read-only, so we don't have full power. Continuous data collection, rather than periodic data collection, is needed for real-time analysis, which necessitates major changes in business strategies as well as significant financials

Even statistics can be interpreted in a variety of ways. This is illustrated all the time, for example, with economic indicators. Various groups attempt to make sense of various monthly statistics, and the same data is normally interpreted differently by different groups. This is particularly true of survey results, but it applies to a wide range of other statistics as well.

**References:**

[1] Nir Menachemi and Taleah H Collum (May 2011), Benefits and drawbacks of electronic health record systems was retrieved from https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3270933/