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## **Application of Data in the Field of Public Safety**

Data application by public safety agencies entails using technology whereby the agencies collect a wide range of information to prevent crime from happening. The data acquired by the public safety agencies predict a pattern of behavior in a given population, making it very easy to envision a given criminality other threats from happening. According to Haisler (2017), correctional agencies use data-driven case management techniques to provide jails and correctional services in a very organized, efficient, and easy way. Additionally, he believes that embracing technology in this public safety sector high standards of public safety and rehabilitation among the inmates.

Data interpretation is a vital process during the data application in the public safety fields done with much care to avoid errors. To prevent the wastage of energy, time and resources, while interpreting data, I will ensure that I do the following as suggested by Lebied (2018) as precaution measures. First, I will avoid mixing the correlation of data and its cause to have a clear intended result. Secondly, I will guarantee that I do not have a predetermined expectation of a particular outcome. Through this, I will be able to achieve an accurate result from my interpretation. Lastly, I will ensure that the data I interpret is the correct information acquired during the field's data collection. By analyzing, the real data gives the actual outcome for the process (Accenture, 2018).

Data interpretation and analysis form a significant role in terms of decision-making in many spheres of life. Lebied (2018) noted that it is essential for institutions to make informed decisions basing their argument on the data analyzed to help them easily find solutions to the challenges they face due to their daily operations. As ahead of correctional service, I will check

into each inmate's data, know the reason for their imprisonments, ascertain what transpired them to criminality, and make an informed decision on how best to rehabilitate them and whom to recommend for parole and who not to. Hence, their data will give me a clear picture of how best to treat each of them.

When interpreting data, I have to be concerned about the differences between the cause, correlation, and the coincidences brought due to the emergence of the threat in question. I will as well check in the possible bias that comes out because of the same. Lebid (2018) also acknowledges that any analyst must put the concerns mentioned above into consideration during data interpretation for the best result.

I believe data can provide real-time situational public awareness. It enables the police to have information intelligence from many sources to act on a possible threat or caution the public about the potential incoming threat to their safety. Besides, data make the officers move freely in the streets hence make capable of combating crime.

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