**UNIVERSITY OF CAPE COAST**

**COLLEGE OF HUMANITIES AND LEGAL STUDIES**

**SCHOOL OF ECONOMICS**

**DEPARTMENT OF DATA SCIENCE AND ECONOMIC POLICY**

COURSE CODE: DATA CURATION AND MANAGEMENT

COURSE CODE: **DMA 820**

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REGISTRATION NUMBER: **SE/DMD /24/0002**

ASSIGNMENT:

**QUESTIONS**

1. **Outline Six(6) data quality performance indicators recommendable for meeting the vision of your institution (one page)**

**The following are the data quality performance indicator recommendable for meeting the vision of the Ghana Police Service.**

1. **Data Accuracy Rate:**

Measures the percentage of accurate data entries compared to total entries.

1. **Data Completeness Percentage:**

Tracks the proportion of complete records versus total records.

1. **Data Consistency Index:**

Evaluates consistency across different data sources and systems.

1. **Timeliness of Data Updates:**

Monitors the frequency and promptness of data updates.

1. **Data Integrity Score:**

Assesses the reliability and trustworthiness of data.

1. **Data Error Rate:**

Measures the frequency and types of errors in data entries. These indicators can help the Ghana Police Service ensure high-quality data, enabling informed decision-making and effective law enforcement operations.

1. **Identify and justify five administrative data point your organization should prioritise for archiving for the next five years**

The Ghana Police Service should prioritize the following administrative data points for archiving over the next five years:

**Crime Statistics:**

Detailed records of crimes reported, investigated, and prosecuted, including types of crime locations and outcomes. This data will help track crime trends and patterns.

**Case Files and Investigation Records:**

Documents related to investigations including witness statements, evidence, and court outcomes. Archiving these records will facilitate future investigations and research.

**Personnel and Training Records:**

Information on police officers' training, promotions, and performance evaluations. This data will aid in human resource management and training program development.

**Incident Reports and Logs:**

Records of incidents responded to including accidents, emergencies, and crimes. These logs will provide valuable insights into police operations and response times.

**Complaints and Feedback Records**:

Documentation of complaints filed against police officers and feedback from the public. Archiving these records will help identify areas for improvement in police-community relations.

By prioritizing these data points, the Ghana Police Service can ensure that valuable information is preserved for future reference, analysis, and decision-making.