UNIVERSITY OF CAPE COAST

COLLEGE OF HUMANITIES AND LEGAL STUDIES

SCHOOL OF ECONOMICS

DEPARTMENT OF DATA SCIENCE AND ECONOMIC POLICY

MSc. DATA MANAGEMENT AND ANALYSIS

DATA CURATION AND MANAGEMENT PLANS

DMA 820

ASSIGNMENT 1

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AUGUST 2024

A. A data policy is a set of guidelines, principles, and procedures that outline how an organization collects, stores, uses, shares, and protects data. It encompasses the overall approach to data management, ensuring data quality, security, privacy, and compliance with regulations.

Glovo delivery services, a data policy is an outline of how they handle customer data, delivery information, and other relevant data, ensuring transparency, security, and responsible usage.

At Glovo, we are committed to harnessing the power of data to revolutionize the delivery experience while prioritizing transparency, security, and customer trust.

**Glovo's Mission Statement for Data Policy Mission is to:**

- Empower customers with control over their data.
- Foster a culture of data privacy and security.
- Drive innovation through data-driven insights.
- Ensure regulatory compliance and industry best practices.
- Cultivate trust and accountability in our data handling practices.

We strive to make data work for our customers, partners, and the environment, while maintaining the highest standards of data ethics and responsibility.

**Glovo's Commitment**

This mission statement aims to convey Glovo's commitment to:

- Customer-centric data management
- Data privacy and security
- Innovation and improvement
- Regulatory compliance and industry best practices
- Trust, accountability, and data ethics

**Glovo's Data Policy Covering:**

1. Structure of Data Dissemination:

   Glovo's data dissemination structure is centralized, with a clear hierarchy of data access and control. However, it could be improved by implementing a more decentralized approach, allowing for more autonomy and flexibility in data management.

2. Format of Data Dissemination:

   Glovo uses standardized formats for data dissemination, making it easily accessible and machine-readable. However, they could explore using more open and interoperable formats to enhance data sharing and collaboration.

3. Data Sharing Protocols and Procedures:

   Glovo has established clear protocols and procedures for data sharing, ensuring secure and authorized access. Nevertheless, they could enhance these protocols by incorporating more granular consent mechanisms and data anonymization techniques.

4. Data Visibility (Website/social media handles):

> Glovo provides transparent data visibility through their website and social media handles but could further enhance this by implementing more interactive and user-friendly visualizations, enabling users to easily access and understand their data.

## B. Ways for improvement/implementation of the areas of Data Curation at Glovo:

1. Structure of Data Dissemination:

- Implement decentralized data management approaches (blockchain, federated learning).
- Establish data trusts or cooperatives for more autonomous data control.

2. Format of Data Dissemination:

- Adopt open and interoperable formats (CSV, JSON, RDF).
- Use data standards and ontologies for seamless integration.

3. Data Sharing Protocols and Procedures:

- Enhance consent mechanisms (granular, dynamic, revocable).
- Implement data anonymization techniques (differential privacy, k-anonymity).
- Use secure multi-party computation for privacy-preserving data sharing.

4. Data Visibility (Website/social media handles):

- Develop interactive, user-friendly data visualizations (Tableau, Power BI).
- Implement data storytelling techniques for better understanding.
- Increase transparency by disclosing data collection, processing, and sharing practices.