Topic 1 Outline

group 27

October 9, 2024

1 Background research

We split our group into 3 sub-groups, each sub-group focusing on one of the 3 topics we have chosen (text messages, photos and videos). We will all look at what each subtopic does to create Dark Data, where it is stored, and the consequences of them.

2 Topics

2.1 Text Messages

2.1.1 Members

- **Jacob**

- **Aaron** - will look in to the dark data around softwere based logging and other texutal output from softwere.

2.1.2 Description

Text messages can be considered **dark data** because of their permanent nature they are stored in (the cloud) and are normally kept well after they are sent and received. This means a lot of data has to be saved to be able to store the communications in large quantities of people's records.

2.2 Photographs

2.2.1 Members

- **Mathew**

- **Hamza**

2.2.2 Description

Photos can be considered **dark data** as many people take lots of photos to capture a precious moment. However, these photos stack up over time and the amount of photos can range from hundreds to the millions. This means there must be lots of data storage in order to store the photos. I will research the consequences of the data storage of photos.

2.3 Video

2.3.1 Members

- **Kacper**

- **Ryan**

2.3.2 Description

We will study on how much data the group generates, specifically with videos. We will carry extensive research on Snapchat, Instagram, and TikTok and record how much Dark Data they produce, along with these apps using AI-generated content, as this type of media has a lot of AI usage.

2.3.3 Overview

There is an enormous amount of content being uploaded and being accessed via the internet, mostly from large video streaming companies and social media companies like Netflix, YouTube, and Twitch. Our group will research how this is stored and the consequences of having to store so much data. We will also look into how Businesses can take/produce loads of Dark Data to be able to benefit their organizations overall performance.

2.3.4 Points

This will include how a vast amount of data is stored and where. The environmental consequences of storing Dark Data. The future of these companies and how they'll choose to store and deliver this data. How consumers use these services.

2.4 Milestones

- **Topic 1: Stage 1, Assignment 1** - 1pm, 09/10/24

- **Finish topic research** - 15/10/24

- **Topic 1: Stage 2, Assignment 1** - 10am, 22/10/24

- **Finish HTML** - 23/10/24

- **Topic 1: Stage 3, Assignment 1** - 10am, 29/10/24