Anonymoose

By MetaCTF

Challenge Overview

In this challenge, you are tasked with helping your friend, an anonymous music producer known as D34DM0053, ensure that their upcoming open letter on mental health in the music industry does not inadvertently reveal their identity. The challenge involves extracting and analyzing metadata from a PDF document.

Objective

Ensure that the open letter does not leak any personal information about D34DM0053 by examining the metadata of the provided PDF file.

Tools Required

- `exiftool`: This is a powerful tool to manage metadata contained within multimedia files. It can be used to extract metadata from the PDF.

Steps to Solve

1. **Download the PDF**: First, download the PDF file from the provided link in the challenge description.
2. **Extract Metadata**: Use the `exiftool` to extract metadata from the PDF. You can do this by running the following command in your terminal:

   ```
   exiftool D34DM0053_Open_Letter_Mental_Health.pdf
   ```

3. **Analyze the Output**: Look through the metadata output for any fields that might contain personal information, such as the `Author` field.

Example of Metadata Extraction

Here's an example of what the output might look like when you run `exiftool`:

```
$ exiftool D34DM0053_Open_Letter_Mental_Health.pdf
ExifTool Version Number        : 12.76
File Name                      : D34DM0053_Open_Letter_Mental_Health.pdf
Directory                      : .
File Size                      : 128 kB
File Modification Date/Time    : 2024:06:12 07:29:54-04:00
File Access Date/Time          : 2024:06:12 07:29:54-04:00
File Inode Change Date/Time    : 2024:06:12 07:31:37-04:00
File Permissions               : -rw-r--r--
File Type                      : PDF
File Type Extension            : pdf
MIME Type                      : application/pdf
PDF Version                    : 1.4
Linearized                     : No
Page Count                     : 1
Language                       : en-US
XMP Toolkit                    : Image::ExifTool 12.76
```

```
Author                        : MetaCTF{Wren_Gaillard}
Creator                       : Writer
Producer                      : OpenOffice 4.1.15
Create Date                   : 2024:06:11 09:42:36-07:00
```

Flag: `MetaCTF{Wren_Gaillard}`

Remember, always double-check for sensitive information in metadata when dealing with
documents intended for public release!