

AI Content Creation

Data Collection Stage

Presented by “Zaw May”

Summary Report

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Project Overview

This project aims to gather valuable data from different sources to inform our upcoming content creation efforts and speed up information retrieval.

Domain Identification

- Technical
- Education
- Health
- Travel

Additional:

- General Topics
- Media Topics

Age Group/Profession	Adoption Rate (%)
Millennials (25-40 years old)	65%
Gen Z (10-24 years old)	75%
Social Media Managers	85%
Digital Marketers	80%
Business	75%
PR and Communication Professionals	55%
Freelance Writers and Bloggers	65%
Influencers	70%
Educators and Academics	65%

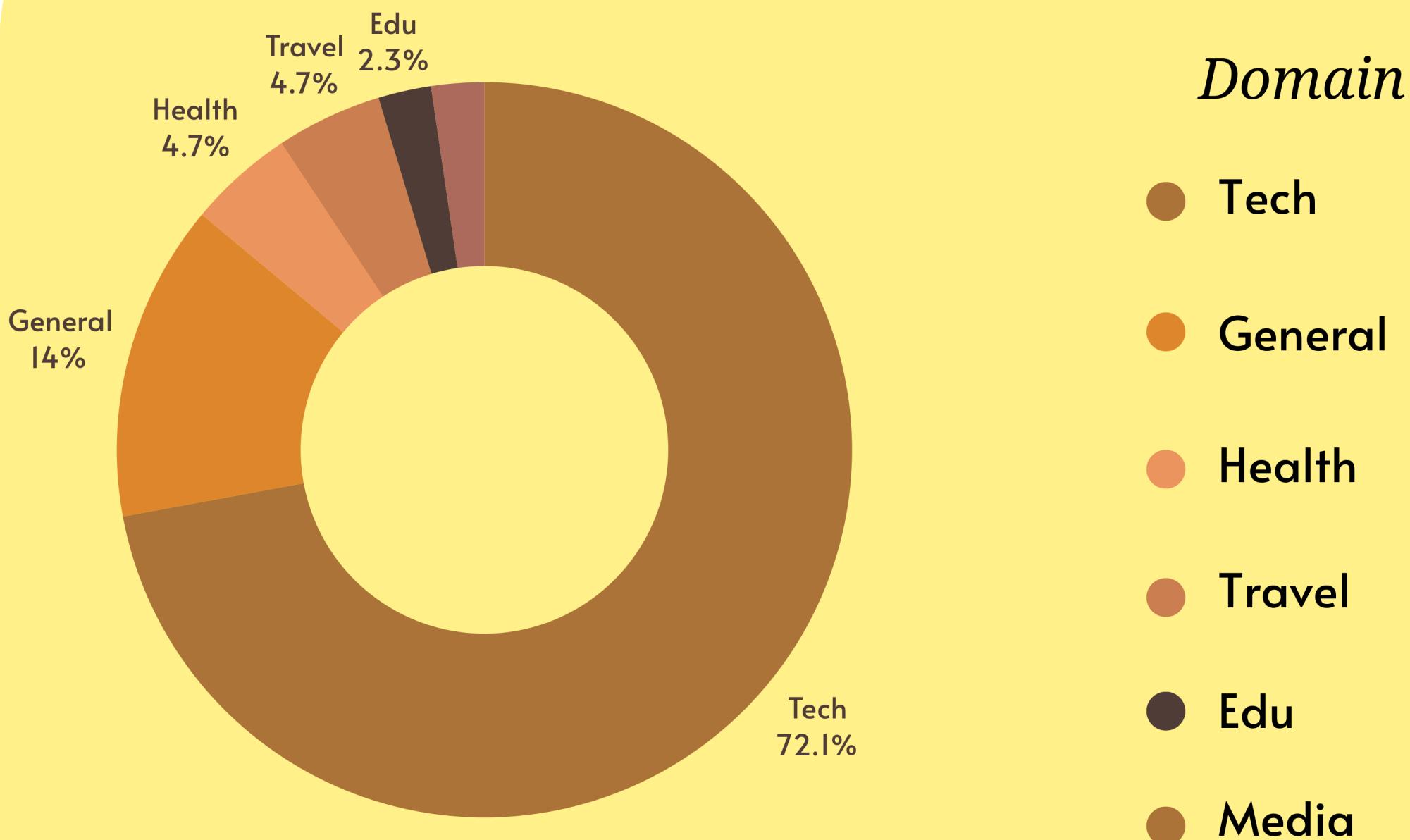
Data Collection Methodology

- Open Source Datasets
- Web Scraping
- Synthetic Datasets
- Manual Data Generation



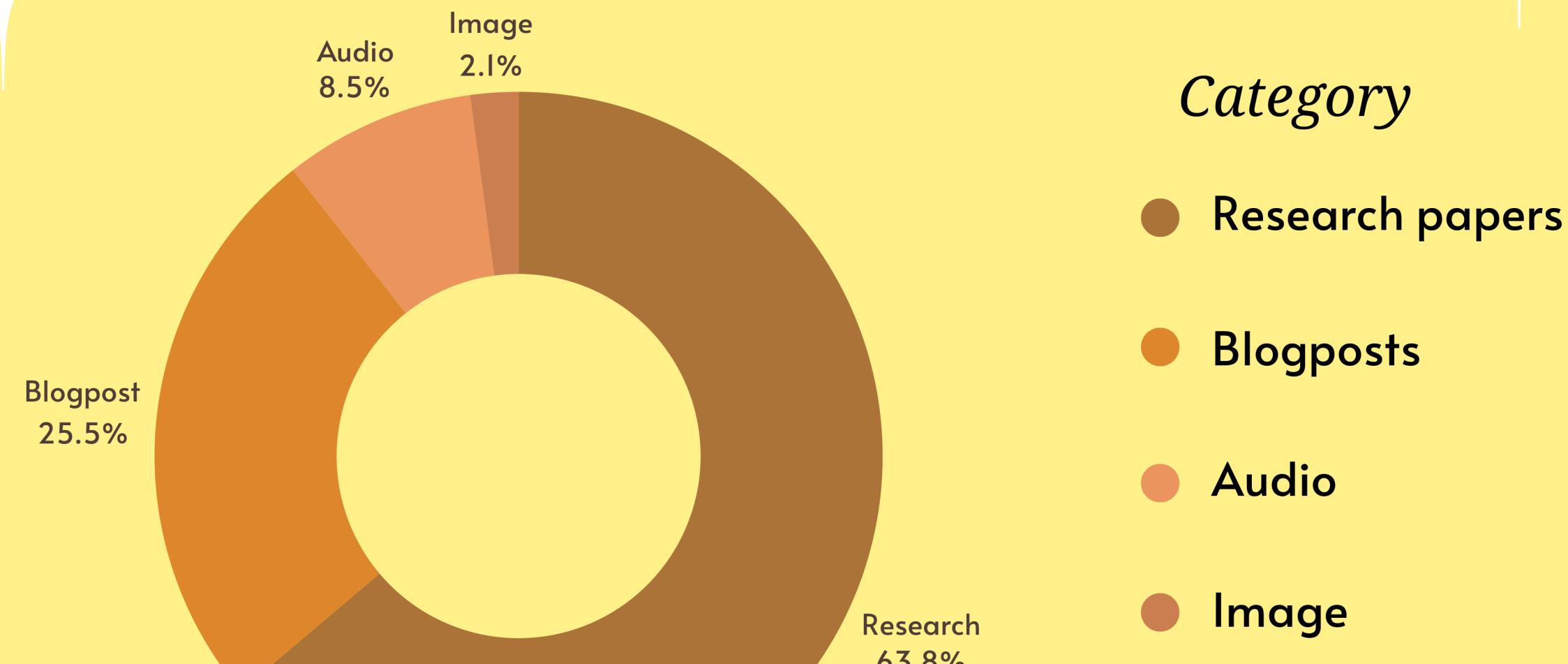
Click Here

Data Representation



Cont:

Data by Category



Data Format Standardization

- To adhere to a uniform structure
 - To implement consistency
 - To convert data to Standard Formats

File Type	Extensions
Audio Files	.mp3, .wav, .aac, .flac, .ogg, .m4a, .wma, .aiff, .alac
Database Files	.sql, .db, .sqlite, .mdb, .accdb
Document Files	.pdf, .doc, .rtf, .docx, .tex, .abw, .wpd, .wps, .dot, .dotx, .docm, .zabw, .hwp, .pages, .odt, .epub, .chm, .key, .dps,
eBook Files	.fb2, .lit, .lrf, .mobi, .pdb, .prc, .azw, .azw3, .azw4, .djvu, .pml, .rb, .cbc, .cbr, .cbz, .tcr
Podcast Files	.mp3, .m4a, .ogg, .wav
Presentation Files	.odp, .pot, .pps, .ppt, .potx, .ppsx, .pptx, .pptm
Spreadsheet Files	.csv, .xls, .xlsx, .xlsm, .xlr, .numbers, .et, .ods
Text Files	.txt, .rst, .md, .txtz
Video Files	.mp4, .avi, .mov, .mkv, .flv, .wmv, .webm, .mpg, .mpeg, .m4v, .3gp
Visual Data/Image Files	.jpg/.jpeg, .png, .gif, .bmp, .tiff, .svg, .webp, .psd, .ai, .eps
Webpage Data Files	.htm, .html, .htmlz, .css, .js, .php, .asp, .jsp, .xml, .json

Data Annotation

- To improve accuracy
- To support data categorization
- To support data integration
- To be easy for data management
- To aid in Sentiment analysis
- To enable better search results
- To enhance user experience
- To content moderation



[For More Info: Label Studio](#)

The screenshot shows the Label Studio interface. At the top, it says "Label Studio" and "Projects / Technical Knowledge". On the right, there's a sidebar with "Dashboard" and "Memb". Below the header, there's a list of annotations with their counts and preview links. One annotation is selected, showing its full content in a large text area. The text discusses the use of Virtual AI Agents (VAAs) in registration systems, mentioning Gartner, Forrester, IDC, and PwC. It highlights how VAAs can boost security and user friendliness by detecting threats in real time and integrating with multi-factor authentication (MFA). The paper also addresses challenges like technical constraints, privacy issues, and the importance of finding a balance between automation and human supervision.

Projects / Technical Knowledge

#119587784 + SA Sally Chu #B08ka 4 minutes ago

Representation open

0 # \[2301.13105\] Generalization on the Unseen, Logic Reasoning

0 # Your Language Model is Secretly a Reward Model open search open

0 How we're using AI to help transform healthcare [Skip to main content](#jump-

0 # Virtual AI Agents in Registration Systems: Enhancing Security and

0 # (PDF) Intelligent Agents and Their Applications This paper introduces the invited

0 # CVPR 2020 Open Access Repository RoboTHOR: An Open Simulation-to-Real

0 # A Sora-Inspired Video AI Agent as Rich World Models from Text and Image

0 # From Pretraining Data to Language Models to Downstream Tasks:

Virtual AI Agents in Registration Systems: Enhancing Security and Usability Across Industries - IJGIS May 2024

Abstract

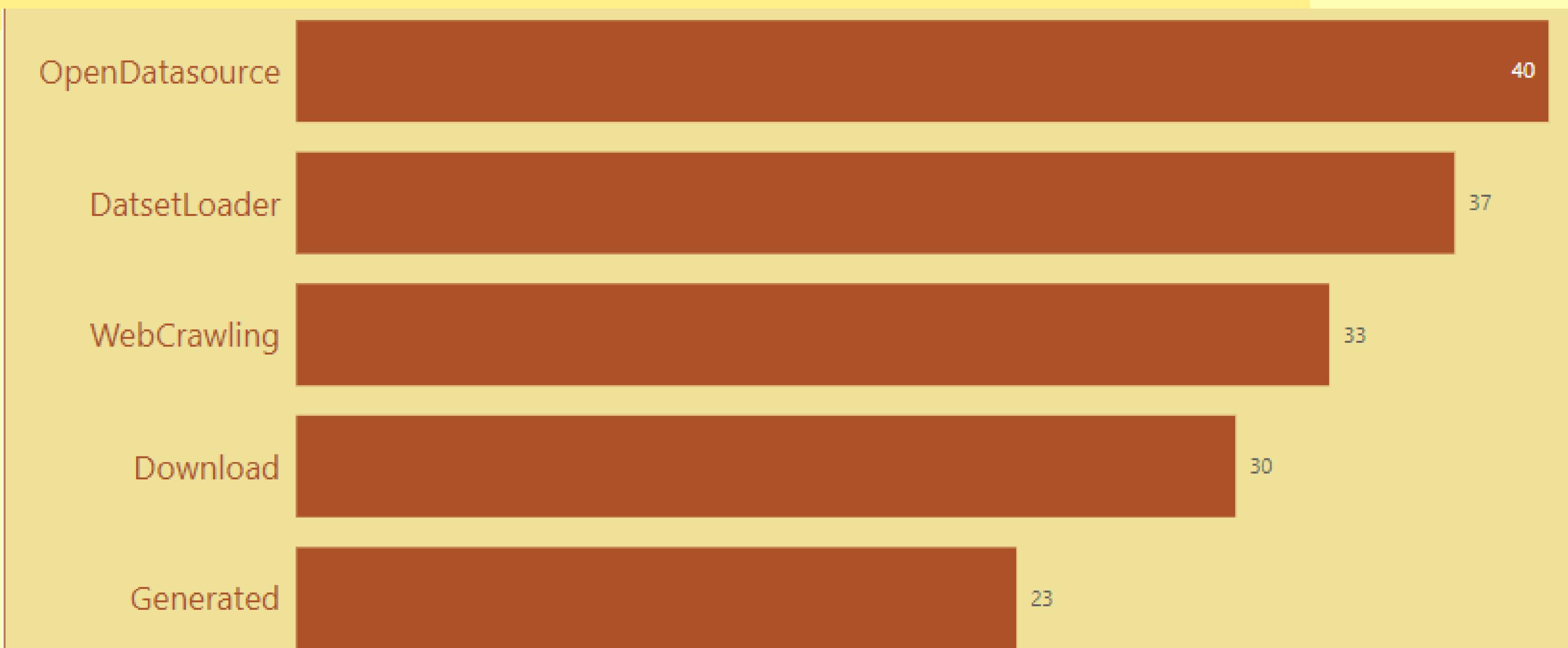
In this paper we analyze the use of Virtual AI Agents (VAAs) in registration systems emphasizing how they can boost security and user friendliness in various sectors. Through a secondary research approach the study compiles information from sources case studies and industry reports from respected organizations like Gartner, Forrester , IDC and PwC. The research reveals that VAAs play a role in enhancing security by detecting fraud analyzing threats in real time and integrating with multi factor authentication (MFA). Moreover, they offer usability benefits such as user interactions, lower registration errors and increased accessibility. Real life examples from finance, healthcare and online shopping highlight the advantages of using VAAs including improved customer satisfaction and operational efficiency. The paper also addresses the challenges associated with implementing VAAs, like technical constraints, privacy issues and the importance of finding a balance between automation and human supervision. Looking ahead, the discussion touches on prospects involving AI advancements, industry trends to watch out for, as well as potential areas for further research and development. This detailed examination underscores how VAAs can revolutionize registration systems while offering recommendations, for organizations considering their adoption.

Introduction

In today's age where online interactions are everywhere, making sure that user sign up processes are both safe and smooth has become crucial for businesses, in all sectors. While traditional registration systems work, they often face challenges related to security, user friendliness and operational

Submit

Initial Data Validation



Future works

- ✓ Expand Data Collection:
To include more websites and diverse sources including images, audios, videos to enrich the dataset.
- ✓ Enhance Data Quality:
To ensure the accuracy and reliability of the data.
- ✓ Ensure Data Privacy and Security:
To protect the privacy and security of the collected data, especially if it involves sensitive information.
- ✓ Documentation and Metadata:
To maintain documentation for the collected data to ensure transparency and reproducibility.



Thank You