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Professor Sprint

CPSC 222 – 01, Fall 2021

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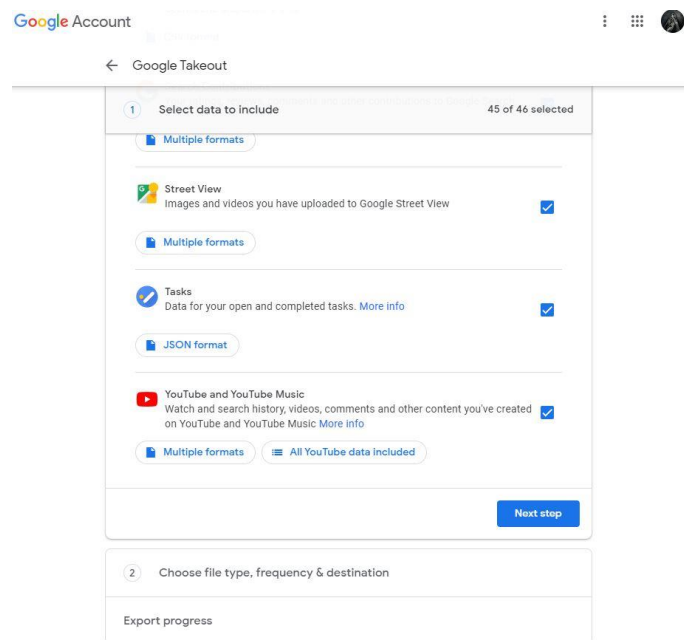
Potential Data Analysis

Google (YouTube):

As an automatic source, has allowed me to request data in several different apps they track. I would be utilizing data collected specifically from YouTube to complete the project. Data is collected when I watch, save, comment on, or like videos and if I subscribe to a channel. The dimensions possible to add are video name, video ID, date, time, content of comments, and channels subscribed to. I am interested in determining whether I watch more videos produced by channels I

am subscribed to or channels that the algorithm recommends based on other videos I watch.

However, I already see an issue as the watch history tracks videos by their ID. Tracking is not performed in the ideal channel name plus video name format that could be cross-referenced with the list of channels I subscribe to.

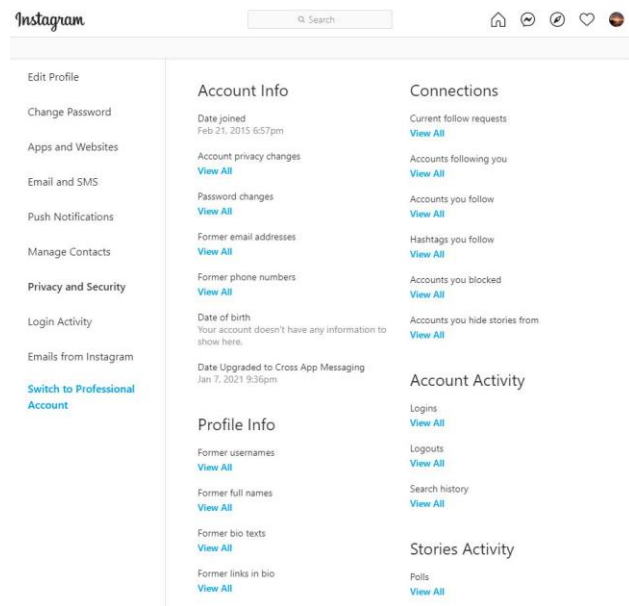


Instagram:

This data source is automatic in most cases.

What I mean is, I can request data right from Instagram or I can copy/paste data from the page above in a file I create. Data is collected every time I interact with another account's content. Different collections of data drawn from each section of the page in the screenshot would provide different dimensions. However, it will most likely be date and time (in some cases account names).

I am interested in using Instagram as a data source because the stories activity, when analyzed, could show what accounts I interact with the most and if that account changes depending on the time of the year or time of day.



Netflix:

This data source is automatic. The user's viewing history and view date can be downloaded as a .csv file. One line of data is collected every time I watch something on Netflix, regardless of whether I've seen it before. There are two columns in the .csv file, title and date are the dimensions of the data. I would hope to find a difference in the time it takes to finish a season of a show or finish an entire series depending on time of the year (school year vs. summer).

NETFLIX			
9/3/21	Gotham: Season 5: "The Beginning..."	Report a problem	🔗
9/3/21	Gotham: Season 5: "They Did What?"	Report a problem	🔗
9/2/21	Gotham: Season 5: "I Am Bane"	Report a problem	🔗
9/2/21	Gotham: Season 5: "The Trial of Jim Gordon"	Report a problem	🔗
9/2/21	Gotham: Season 5: "Nothing's Shocking"	Report a problem	🔗
8/30/21	Gotham: Season 5: "Ace Chemicals"	Report a problem	🔗
8/30/21	Gotham: Season 5: "13 Stitches"	Report a problem	🔗
8/30/21	Gotham: Season 5: "Pena Dura"	Report a problem	🔗
8/30/21	Gotham: Season 5: "Ruin"	Report a problem	🔗
8/30/21	Gotham: Season 5: "Penguin, Our Hero"	Report a problem	🔗
8/30/21	Gotham: Season 5: "Trespassers"	Report a problem	🔗
8/30/21	Gotham: Season 5: "Year Zero"	Report a problem	🔗
8/30/21	Gotham: Season 4: "No Man's Land"	Report a problem	🔗
8/30/21	Gotham: Season 4: "One Bad Day"	Report a problem	🔗
8/30/21	Gotham: Season 4: "That Old Corpse"	Report a problem	🔗
8/30/21	Gotham: Season 4: "To Our Deaths and Beyond"	Report a problem	🔗