Hashtags scraped:

cbdcart
cbdcartridge
cbdjuice
cbdjuulpods
cbdpen
cbdvape
cbdvapepen
cbdvapes
dabpen
hempvap
hempvape
thccart
thccartridge
thcjuice
thcpen
thcvapepen
thcvapes

I used the Apify Instagram Hashtag Scraper [Instagram Hashtag Scraper · Apify] to collect up to 100 posts relating to the hashtags above. The scraper is a simple application that can be used on the Apify website. When you open up the scraper, you have to first type in the hashtag you want the scraper to scrape for. Then you have to pick the amount of posts you want per hashtag and how much memory to allocate for the scrape. Finally, you have to save the info and run the scraper. After a few minutes, it will showcase the data and it can be downloaded as multiple files. We used CSVs.

The CSV's came with a lot of metadata, but the most important columns of data were url, caption, hashtags, like count, Owner Username, shortcode, timestamp, and image type. The url column had the url links to all of the posts. The caption column had all the captions for the posts if the posts had a caption. Hashtag spanned multiple columns, each column with a hashtag the posts had. Like Count indicates how many likes the post received when we scraped the post. The Owner Username is the username of the person who posted each post. The shortcode is a unique number and letter code that is unique to each instagram post. The timestamp is the data and time a post was uploaded to instagram. The image type is what type of post the result is: an image, a video, or a sidecar (multiple images and/or videos in a singular post).

To download the images and videos, I used the Chrome and Microsoft Edge extension called Mass. Downloader for Instagram {Mass. Downloader for Instagram - Chrome Web Store (google.com)]. To download the data, I would have to save all the images in instagram and then look in my saved folder. After going into that folder, near the top left was the icon for the extension. I would click it and it gave three options: download selected posts, download by sequence, and download by timeframe. I would select download by sequence and input the numbers 1 to select the first image in the set and the number of images in the whole set as my ending value. The extension would then download all the images as a zip file.

Hashtag	Number of Results	Number of Images
cbdcart	100	135
cbdcartridge	100	141
cbdjuice	100	127
cbdjuulpods	100	112
cbdpen	100	96
cbdvape	100	127
cbdvapepen	100	355
cbdvapes	100	155
dabpen	100	151
hempvap	100	129
hempvape	100	171
thccart	100	149
thccartridge	100	114
thcjuice	100	160
thcpen	100	158
thcvapepen	100	175
thcvapes	100	152

*images and results vary because of banned posts or posts with multiple images and/or videos

Data to be mirrored into the project Box folder and google drive:
[https://drive.google.com/drive/folders/1RjlksGgiyjdHT2P9eaUeA3CuOKjEc7s5?usp=sharing] .