Creating Visualizations with Spotify Data

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Understanding your Raw Data and your goals

We'll be using the 'StreamingHistory1' and 'Playlist1' files
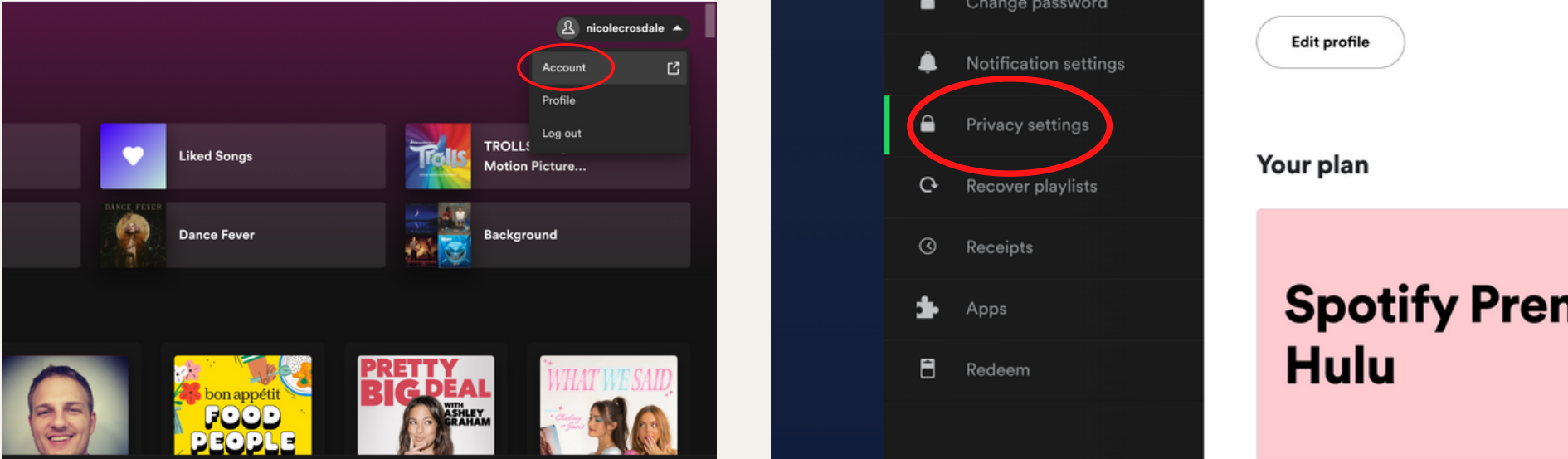
Ask yourself:

- What am I trying to measure?
- How was your data collected?
- Do you have the right data to answer the question?
- Who is going to read your analysis?
- What is each variable (column and/or section) describing?
- Is this raw data formatted in a way that simplifies the coding process ?
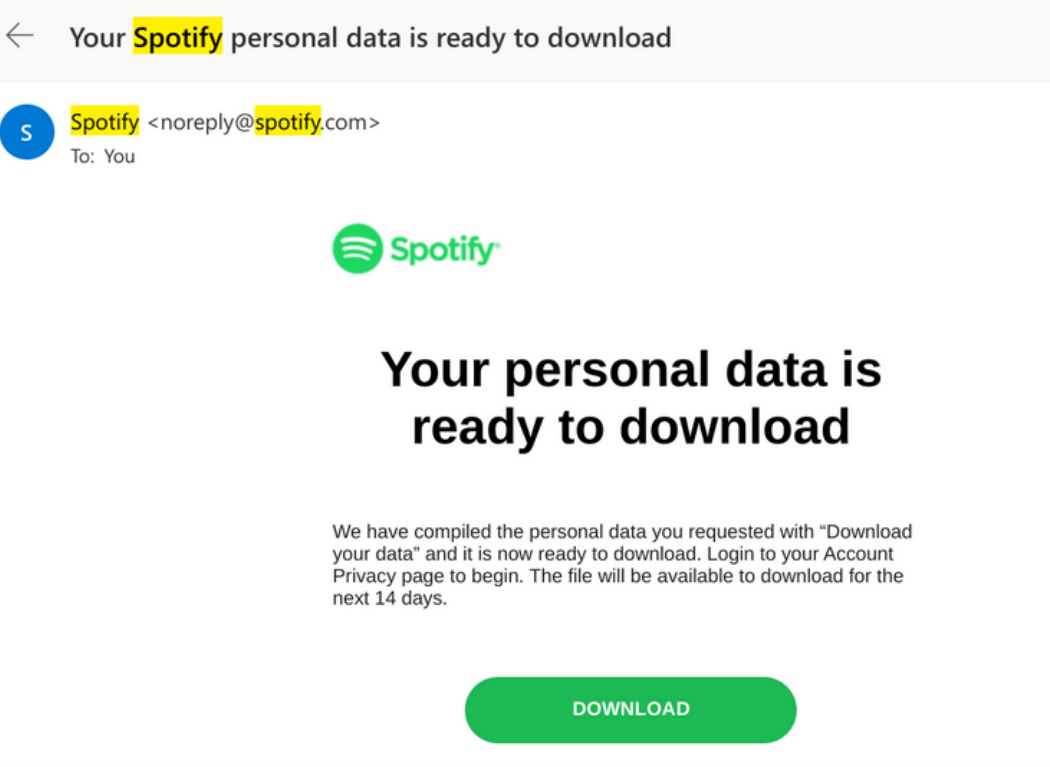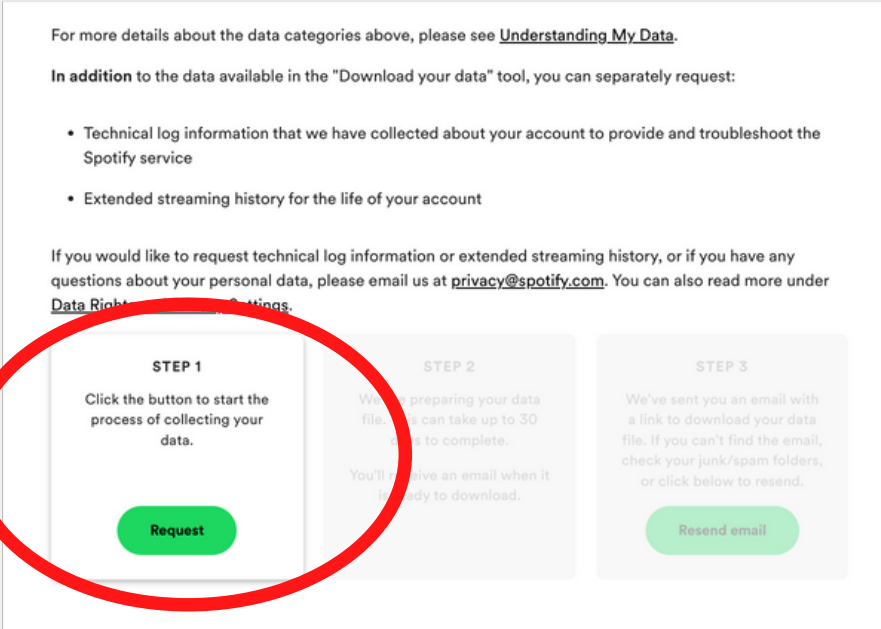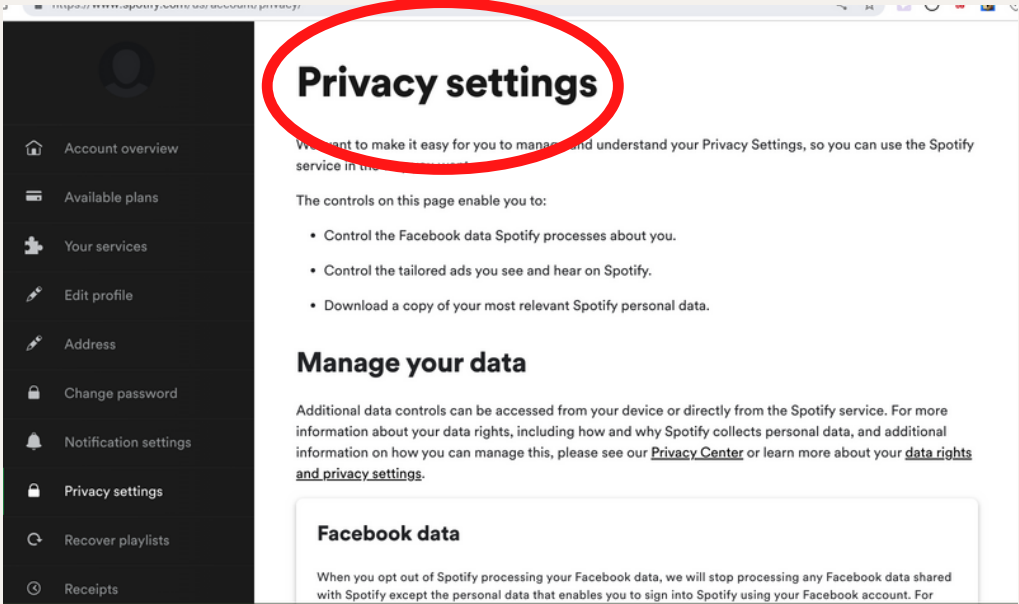
Analyzing the Spotify Dataset

Create visuals displaying:
- What day of the week most songs are streamed?
- Users top 10 streamed songs?
- Users top 20 streamed artists?
- How many songs are on the user's playlists?
- Timeline of playlist's last modified date

Downloading your data

1. Locate your Spotify profile page
2. Privacy setting
3. Request your data
4. Download your data from email

JSON to EXCEL File

Converting a JSON to Excel file

Prepping your Data- *'StreamingHistory1'*

1. Delete "record" column
2. Add a 'date' column
   =LEFT(A2, FIND(" ", A2,1)-1)
3. Add a 'wkday" column
   =CHOOSE(WEEKDAY(B2),"Sun","Mon","Tue","Wed","Thu","Fri","Sat")
4. Add a 'time' column
   =RIGHT(A2,FIND(" ",A2,1)-6)
5. Add a 'minsPlayed' column
   =G2/60000
6. Add "Include Song"
   =IF(H2>2,"Yes","No")

Prepping your Data-'*Playlist1*'

	A	B	C	D	E	F
1	playlists	name	lastModifiedDate	items	track	trackName
2		UF Mems	2022-04-11			Talk
3						New Light
4						As It Was
5		Draft Prett	2021-12-18			Close To You
6						Baby Blue Shades
7						Malibu 1992
8						Love You For A Long Time
9						Cherry Flavoured
10						Don't Think It Over
11						Freakin' Out On the Interstate
12						Dress Up For You
13						Maybe We're Meant To Be Alone
14						Valentine
15						CIRCLES
16						Lost in Translation
17						Don't Be A Fool
18						Real Estate
19						Lucy Lucy

This data is fine as is !