**Billboard Hot 100 #1 Songs of the 2020s – Project Summary**

**Tools Used – Software & Packages**

This project was done in **Python** using the following:

* **Pandas** – to read and clean the data from Wikipedia
* **Matplotlib** – to create charts and visualizations
* **collections.Counter** – to count common words in song titles
* **matplotlib.ticker** – to format axes for whole numbers
* **Jupyter Notebook** – to write and run the code

**Questions Asked**

1. Which artists have the most #1 songs?
2. Which songs stayed at #1 the longest?
3. How common are collaborations or featured artists?
4. What are the most common words in #1 song titles?

**Insights Discovered**

* **Drake**, **Ariana Grande**, and **Taylor Swift** are among the top artists with the most #1 songs.
* Some songs stayed at #1 for **10 weeks or more**.
* Singles released by **solo artists** are most common in hit songs.
* Song titles often use **emotional or relationship-related words**, such as "love", "you", and "me".

**Recommendations**

If this data were to be shared with a streaming platform, I would recommend:

* **Track artists with repeat success** across multiple years for future investments or partnerships.
* Encourage songwriters and producers to use **relatable, emotional language** in song titles.
* Focus marketing on singles with **multiple Billboard weeks**, not quick trends.

**Future Work**

* Study **genres** and how they changed from 2020 to the present day.
* Perform further exploratory analysis on:
  + Which songs **returned to #1** multiple times?
  + Which artists have been #1 for **multiple years**?