**DAX FUNCTIONS**

MEASURES:

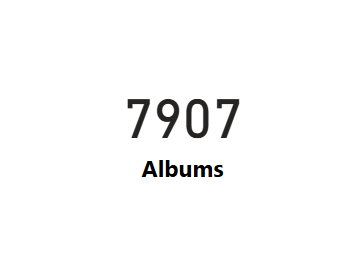
1. Total Unique Artists:

Artists = DISTINCTCOUNT(spotify\_history[artist\_name])



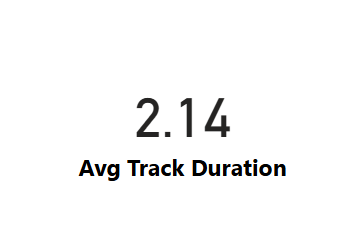
1. Total Unique Albums:

Albums = DISTINCTCOUNT(spotify\_history[album\_name])



1. Avg Track Duration:

Avg Track Duration = AVERAGE(spotify\_history[Minutes])



1. Longest Duration Track:

Longest Track =

VAR Summary\_Table =

    ADDCOLUMNS(

        SUMMARIZE(spotify\_history, spotify\_history[track\_name]),

        "Total\_Minutes", SUMX(FILTER(spotify\_history, spotify\_history[track\_name] = EARLIER(spotify\_history[track\_name])), spotify\_history[Minutes])

    )

VAR MAX\_Minute = MAXX(Summary\_Table, [Total\_Minutes])

    SELECTCOLUMNS(TOPN(1, Summary\_Table, [Total\_Minutes], DESC),

        "Longest Track", spotify\_history[track\_name]

    )

1. Skipped Count:

 Skipped Count = SUM(spotify\_history[Skipped Number])

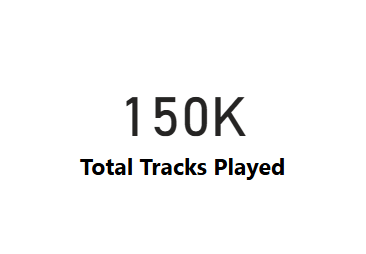
1. Total Minutes Played:

Total Minutes Played = SUM(spotify\_history[ms\_played])/(1000\*60)



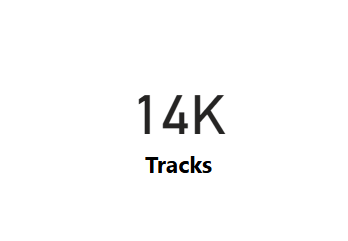
1. Total Tracks Played:

Total Tracks Played = COUNTROWS(spotify\_history)



1. Total Unique Tracks:

Tracks = DISTINCTCOUNT(spotify\_history[track\_name]).



1. YOY Growth 2024 vs 2023:

YOY Growth =

VAR year\_2023 = CALCULATE(SUM(spotify\_history[track\_name]), FILTER(spotify\_history, spotify\_history[Year] = 2023))

VAR year\_2024 = CALCULATE(SUM(spotify\_history[track\_name]), FILTER(spotify\_history, spotify\_history[Year] = 2024))

Return

  (year\_2024-year\_2023/year\_2024)

