**Use SQL queries to extract and analyze data from a database.**

1. First created database named as task3 and inserted the csv file.
2. Used the following command ” Select \* from spotify\_top\_1000\_tracks:
3. Where- Select \* from spotify\_top\_1000\_tracks where artist = Justin Bieber: “ to show all the data under that artist name in the database
4. Group by- -- select artist, count(artist) from spotify\_top\_1000\_tracks group by artist
5. Used Joins ( Inner, Left, Right) via using select \* from spotify\_top\_1000\_tracks right join billboard\_top\_100\_final on spotify\_top\_1000\_tracks.track\_name=billboard\_top\_100\_final. track\_name ;
6. Used “select sum(popularity) from spotify\_top\_1000\_tracks;”
7. Crated view via using the command “create view Artist\_Names as select track\_name, artist from spotify\_top\_1000\_tracks;”
8. select \* from artist\_names;
9. Created Index via using the following command “create index TaskIndex on spotify\_top\_1000\_tracks(album);”