**DESCRIPTION OF EACH COLUMN IN THE SPOTIFY TABLE:**

### **1. artist VARCHAR(255)**

* **Description**: The name of the **artist** who performed the track.
* **Data Type**: VARCHAR(255) (string, up to 255 characters).

### **2. track VARCHAR(255)**

* **Description**: The name of the **track** (song) being referenced.
* **Data Type**: VARCHAR(255) (string, up to 255 characters).

### **3. album VARCHAR(255)**

* **Description**: The name of the **album** that the track belongs to.
* **Data Type**: VARCHAR(255) (string, up to 255 characters).

### **4. album\_type VARCHAR(50)**

* **Description**: The type of album (e.g., **"single"**, **"album"**, **"EP"**).
* **Data Type**: VARCHAR(50) (string, up to 50 characters).

### **5. danceability FLOAT**

* **Description**: A measure of how suitable the track is for dancing. Ranges from **0** (least suitable) to **1** (most suitable).
* **Data Type**: FLOAT (numeric value).

### **6. energy FLOAT**

* **Description**: A measure of the track's intensity and activity. Ranges from **0** (least energetic) to **1** (most energetic).
* **Data Type**: FLOAT (numeric value).

### **7. loudness FLOAT**

* **Description**: The overall loudness of the track in decibels (dB). The higher the value, the louder the track.
* **Data Type**: FLOAT (numeric value).

### **8. speechiness FLOAT**

* **Description**: A measure of the presence of spoken words in the track. High values indicate speech-like lyrics (e.g., podcasts, speech).
* **Data Type**: FLOAT (numeric value).

### **9. acousticness FLOAT**

* **Description**: A measure of the track's acoustic quality. A value close to **1** means the track is very acoustic, while a value close to **0** means it is less acoustic.
* **Data Type**: FLOAT (numeric value).

### **10. instrumentalness FLOAT**

* **Description**: A measure of the likelihood that the track is instrumental. High values indicate no vocals.
* **Data Type**: FLOAT (numeric value).

### **11. liveness FLOAT**

* **Description**: A measure of the presence of a live audience in the track. Higher values indicate live performances.
* **Data Type**: FLOAT (numeric value).

### **12. valence FLOAT**

* **Description**: A measure of the track's emotional content, indicating how positive or happy the track feels. Values closer to **1** indicate positive, happy feelings.
* **Data Type**: FLOAT (numeric value).

### **13. tempo FLOAT**

* **Description**: The tempo (beats per minute) of the track, indicating how fast or slow it is.
* **Data Type**: FLOAT (numeric value).

### **14. duration\_min FLOAT**

* **Description**: The length of the track in minutes.
* **Data Type**: FLOAT (numeric value).

### **15. title VARCHAR(255)**

* **Description**: The title of the track (same as track column in most cases).
* **Data Type**: VARCHAR(255) (string, up to 255 characters).

### **16. channel VARCHAR(255)**

* **Description**: The name of the **channel** where the track was released or uploaded (e.g., **"YouTube"**, **"Spotify"**).
* **Data Type**: VARCHAR(255) (string, up to 255 characters).

### **17. views FLOAT**

* **Description**: The number of **views** (or plays) that the track has on video platforms like **YouTube**.
* **Data Type**: FLOAT (numeric value).

### **18. likes BIGINT**

* **Description**: The number of **likes** that the track has received on the platform.
* **Data Type**: BIGINT (large integer value).

### **19. comments BIGINT**

* **Description**: The number of **comments** the track has received (typically on platforms like **YouTube**).
* **Data Type**: BIGINT (large integer value).

### **20. licensed BOOLEAN**

* **Description**: Whether the track is **licensed** for use or not (e.g., for public use or commercial purposes).
* **Data Type**: BOOLEAN (true or false).

### **21. official\_video BOOLEAN**

* **Description**: Indicates whether the track has an **official video** (e.g., a music video).
* **Data Type**: BOOLEAN (true or false).

### **22. stream BIGINT**

* **Description**: The number of **streams** the track has on audio streaming platforms like **Spotify**.
* **Data Type**: BIGINT (large integer value).

### **23. energy\_liveness FLOAT**

* **Description**: A combination measure of **energy** and **liveness**, indicating how energetic and live the track feels.
* **Data Type**: FLOAT (numeric value).

### **24. most\_played\_on VARCHAR(50)**

* **Description**: Indicates where the track is most played, with possible values like **"Spotify"** or **"YouTube"**.
* **Data Type**: VARCHAR(50) (string, up to 50 characters).