

SCRIPT BASE DE DATOS NEO4J

CREACIÓN BASE DE DATOS MÚSICA

```
LOAD CSV WITH HEADERS FROM 'file:///baseDatosMusica.csv' AS line WITH line  
LIMIT 1000
```

```
MERGE (s:Style {name: "Estilos Musicales"})
```

```
MERGE (c:Canciones { name: line.TrackName, artist: line.ArtistName, genre:  
line.Genre, energy: toInteger(line.Energy), danceability: toInteger(line.Danceability),  
valence: toInteger(line.Valence), popularity: toInteger(line.Popularity), cover:  
line.TrackCover, preview: line.TrackPreview, fav: toInteger(0)})
```

```
FOREACH (n IN (CASE WHEN line.ArtistName IS NULL THEN [] ELSE [1] END) |  
MERGE (a:ArtistName {name: line.ArtistName})
```

```
MERGE (a)-[:MADE]->(c)
```

```
FOREACH (m IN (CASE WHEN line.Genre IS NULL THEN [] ELSE [1] END) | MERGE  
(g:Genre {name: line.Genre})
```

```
MERGE (g)-[:GENRE_SINGED]->(a)
```

```
MERGE (s)-[:IS_STYLE]->(g)
```

```
))
```

CREACIÓN BASE DE DATOS USUARIOS

```
LOAD CSV WITH HEADERS FROM 'file:///datosUsuarios.csv' AS line WITH line  
LIMIT 1000
```

```
MERGE (r:Users {name: "Usuarios"})
```

```
FOREACH (n IN (CASE WHEN line.UserName IS NULL THEN [] ELSE [1] END) |  
MERGE (u:UserName {name: line.UserName})
```

```
MERGE(t:Canciones {name:line.TrackName})
```

```
MERGE (u)-[:LIKES]->(t)
```

```
MERGE (u)-[:IS_USER]->(r)
```

```
)
```

BORRAR NODOS Y RELACIONES

```
match (n)
with n limit 10000
DETACH DELETE n
```