**/\*1.Elencate il numero di tracce per ogni genere in ordine discendente, escludendo quei generi che hanno meno di 10 tracce.\*/**

SELECT

genre.Name AS Genere,

COUNT(DISTINCT track.Name) AS TotTracce

FROM

genre

LEFT JOIN

track ON track.GenreId = genre.GenreId

GROUP BY genre.Name

HAVING TotTracce >= 10

ORDER BY 2 DESC;

**/\*2.Trovate le tre canzoni più costose.\*/**

SELECT

\*

FROM

track

ORDER BY UnitPrice DESC

LIMIT 3;

**/\*3.Elencate gli artisti che hanno canzoni più lunghe di 6 minuti.\*/**

SELECT DISTINCT

artist.Name

FROM

track

JOIN

album ON track.AlbumId = album.AlbumId

JOIN

artist ON artist.ArtistId = album.ArtistId

WHERE

track.Milliseconds > 360000;

**/\*4.Individuate la durata media delle tracce per ogni genere\*/**

SELECT

genre.Name AS Genere,

AVG(track.Milliseconds) AS DurataMedia

FROM

track

JOIN

genre ON track.GenreId = genre.GenreId

GROUP BY genre.Name

ORDER BY 2 DESC;

**/\*5.Elencate tutte le canzoni con la parola “Love” nel titolo, ordinandole alfabeticamente prima per genere e poi per nome.\*/**

SELECT DISTINCT

genre.Name AS Genere, track.Name AS Titolo

FROM

track

JOIN

genre ON track.GenreId = genre.GenreId

WHERE

track.name LIKE '% love %'

ORDER BY genre.Name ASC , track.name ASC;

**/\*6.Trovate il costo medio per ogni tipologia di media\*/**

SELECT

mediatype.Name AS TipoMedia,

AVG(track.UnitPrice) AS CostoMedio

FROM

track

LEFT JOIN

mediatype ON track.MediaTypeId = mediatype.MediaTypeId

GROUP BY mediatype.Name;

**/\*7.Individuate il genere con più tracce.\*/**

SELECT

genre.Name AS Genere, COUNT(distinct track.Name) NrTracce

FROM

track

LEFT JOIN

genre ON track.GenreId = genre.GenreId

GROUP BY genre.Name

ORDER BY NrTracce DESC

LIMIT 1;

**/\*8.Trovate gli artisti che hanno lo stesso numero di album dei Rolling Stones.\*/**

SELECT DISTINCT

artist.Name AS Artisti, COUNT(album.Title) AS NrAlbum

FROM

album

LEFT JOIN

artist ON album.ArtistId = artist.ArtistId

GROUP BY artist.Name

HAVING NrAlbum = (SELECT

COUNT(album.Title)

FROM

album

LEFT JOIN

artist ON album.ArtistId = artist.ArtistId

WHERE

artist.Name LIKE 'the rolling stones');

**/\*9.Trovate l’artista con l’album più costoso.\*/**

SELECT

artist.Name AS Artista,

album.Title AS Album,

SUM(track.UnitPrice) AS CostoAlbum

FROM

track

JOIN

album ON track.AlbumId = album.AlbumId

JOIN

artist ON album.ArtistId = artist.ArtistId

GROUP BY artist.name , album.title

ORDER BY CostoAlbum DESC

LIMIT 1;