

# ATIVIDADE 2 DE BANCO DE DADOS

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```
graph TD
    subgraph "theme cerulean-outline"
        direction TB
        e01["entity 'TB_media_types' as e01 {  
  *id: INTEGER  
  --  
  name: NVARCHAR(120)  
}"]
        e02["entity 'TB_genres' as e02 {  
  *id: INTEGER  
  --  
  name: NVARCHAR(120)  
}"]
        e03["entity 'TB_playlists' as e03 {  
  *id: INTEGER  
  --  
  name: NVARCHAR(120)  
}"]
        e04["entity 'TB_playlists_track' as e04 {  
  *id: INTEGER  
  *trackid: INTEGER  
}"]
        e05["entity 'TB_tracks' as e05 {  
  *trackid: INTEGER  
  --  
  name: NVARCHAR(120)  
}"]
    end
```

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```
graph TD
    TB_media_types --> TB_playlists
    TB_genres --> TB_playlists
    TB_playlists --> TB_playlists_track
    TB_tracks --> TB_playlists
```

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```
graph TD
    subgraph "theme cerulean-outline"
        direction TB
        e06["entity 'TB_artists' as e06 {  
  *id: INTEGER  
  name: NVARCHAR(120)  
}"]
        e07["entity 'TB_invoices' as e07 {  
  *id: INTEGER  
  CustomerId: INTEGER  
  InvoiceDate: DATETIME  
  BillingAddress: NVAR  
  BillingCity: NVARCHAR  
}"]
        e08["entity 'TB_invoice_items' as e08 {  
  *id: INTEGER  
  --  
  InvoiceId: INTEGER  
  TrackId: INTEGER  
  UnitPrice: NUMERIC  
  Quantity: INTEGER  
}"]
    end
```

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```
graph TD
    TB_media_types --> TB_playlists
    TB_genres --> TB_playlists
    TB_playlists --> TB_playlists_track
    TB_tracks --> TB_playlists
```

```

graph TD
    TB_artists --> TB_playlists
    TB_genres --> TB_playlists
    TB_artists --> TB_customers
    TB_artists --> TB_employees
    TB_artists --> TB_media_types
    TB_artists --> TB_genres
    TB_artists --> TB_playlists
    TB_customers --> TB_employees
    TB_customers --> TB_media_types
    TB_customers --> TB_genres
    TB_customers --> TB_playlists
    TB_employees --> TB_media_types
    TB_employees --> TB_genres
    TB_employees --> TB_playlists
    TB_media_types --> TB_genres
    TB_media_types --> TB_playlists
    TB_genres --> TB_playlists
  
```

The diagram shows a database schema with the following tables and attributes:

- TB\_artists**: id (INTEGER), title (NVARCHAR(100)), artistId (TB\_Artists)
- TB\_customers**: id (INTEGER), firstName (NVARCHAR(40)), lastName (NVARCHAR(20)), company (NVARCHAR(80)), address (NVARCHAR(70)), city (NVARCHAR(40)), state (NVARCHAR(40)), country (NVARCHAR(40)), postalCode (NVARCHAR(10)), phone (NVARCHAR(24)), fax (NVARCHAR(24)), email (NVARCHAR(60)), supportRepId (INTEGER)
- TB\_employees**: id (INTEGER), lastName (NVARCHAR(2)), firstName (NVARCHAR(2)), title (NVARCHAR(30)), reportsTo (INTEGER), birthDate (DATE/TIME)
- TB\_media\_types**: id (INTEGER), name (NVARCHAR(120))
- TB\_genres**: id (INTEGER), name (NVARCHAR(120))
- TB\_playlists**: id (INTEGER), name (NVARCHAR(120))

Relationships are shown between TB\_artists and TB\_playlists, and between TB\_genres and TB\_playlists.

