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Netflix Database Schema

Entities

Members(Member_ID: String, First_name: String, Last_name: String);

Credit_Card(Member_ID: String, Card_Number: String, Card_Month: String, Card_Year: String, CCV: String, Card_Type: String)

Foreign Key(Member_ID) references Members

Profiles(Member_ID: String, Profile_Name: String)

Foreign Key(Member_ID) references Members

Genre(Genre_ID: String, Genre_Name: String)

Movie(Movie_ID: String, Title: String, Year_Produced: String, Producer: String, Average_Rating: String)

Actor_Actress(Actor_Actress_ID: String, First_name: String, Last_name: String)

Relations

Has_Card(Member_ID:String, Card_Number: String)

Foreign Key(Member_ID) references Members

Foreign Key(Member_ID, Card_Number) references Credit_Card

Has_Profile(Member_ID:String, Profile_Name: String)

Foreign Key(Member_ID) references Members

Foreign Key(Member_ID, Profile_Name) references Profile

Has_Movie_Genre(Genre_ID: String, Movie_ID: String)

Foreign Key(Genre_ID) references Genre

Foreign Key(Movie_ID) references Movie

Has_Favorite(Genre_ID: String, Member_ID: String, Profile_Name: String)

Foreign Key(Member_ID) references Members

Foreign Key(Member_ID, Profile_Name) references Profile

Foreign Key(Genre_ID) references Genre

Viewing_History(Movie_ID: String, Profile_Name: String, Member_ID: String, Rating: int)

Foreign Key(Movie_ID) references Movie

Foreign Key(Movie_ID, Profile_Name) references Profile

Foreign Key(Member_ID) references Members

Movie_Cast(Movie_ID: String, Actor_Actress_ID: String)

Foreign Key(Movie_ID) references Movie

Foreign Key(Actor_Actress_ID) references Actor_Actress