राष्ट्रीय प्रौद्योगिकी संस्थान वारंगल
National Institute of Technology Warangal | Department of Computer Science and Engineering

Database Management System project

Over-the-top (OTT) platform database management system

Faculty

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Problem Statement

This database has been made with the intention of providing a different view on OTT to enhance user experience. Apart from trivial information such as user information and the consumable content such as movies, TV shows, live sport telecast and news etc., the database also stores information involving the wide array of subscription models provided to the user, the various methods of payment involved user-ratings of various kinds of content along with their scores from accredited websites like IMDB etc.

We also find it prudent to include one key feature that separates this project from your regular database with the aim of enhancing user experience by including a forum where multiple users can voice their opinions (through ratings) on different kinds of content and befriend each other and all of this being stored in a database.

Overview

An OTT platform is a media provider that offers digital content via the internet as a free-standing product. As the name implies, this service bypasses traditional media outlets such as TV and radio stations by directly streaming on-demand content to consumers. In this project, the following key aspects (apart from the trivial ones associated with user information) concerning the OTT platform will be covered:

• The subscription models with regard to each user.

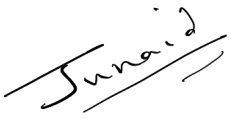
• An all-inclusive array of content (movies, live sports broadcasts, news channels, shows etc.) to be curated based on thorough analysis (based on parameters mentioned below) to enhance user experience.

• Ratings of each programme specified, both by the user as well as credited sites such as IMDB, rotten tomatoes etc.

• A forum that enables users to interact and voice opinions with each other, with the likes of each comment being stored.

• Information will also be stored so that a user can make a “friend” and establish connections.

Team Members



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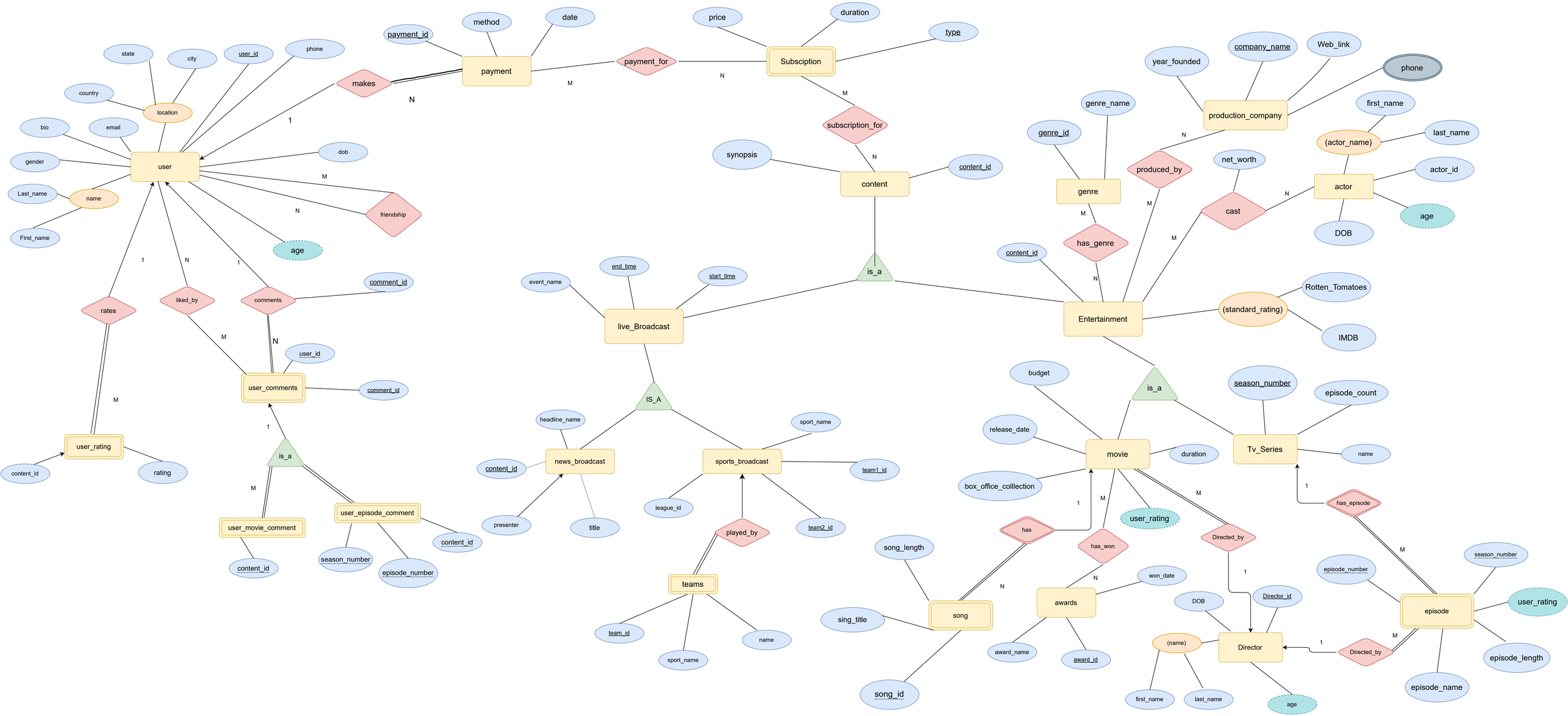
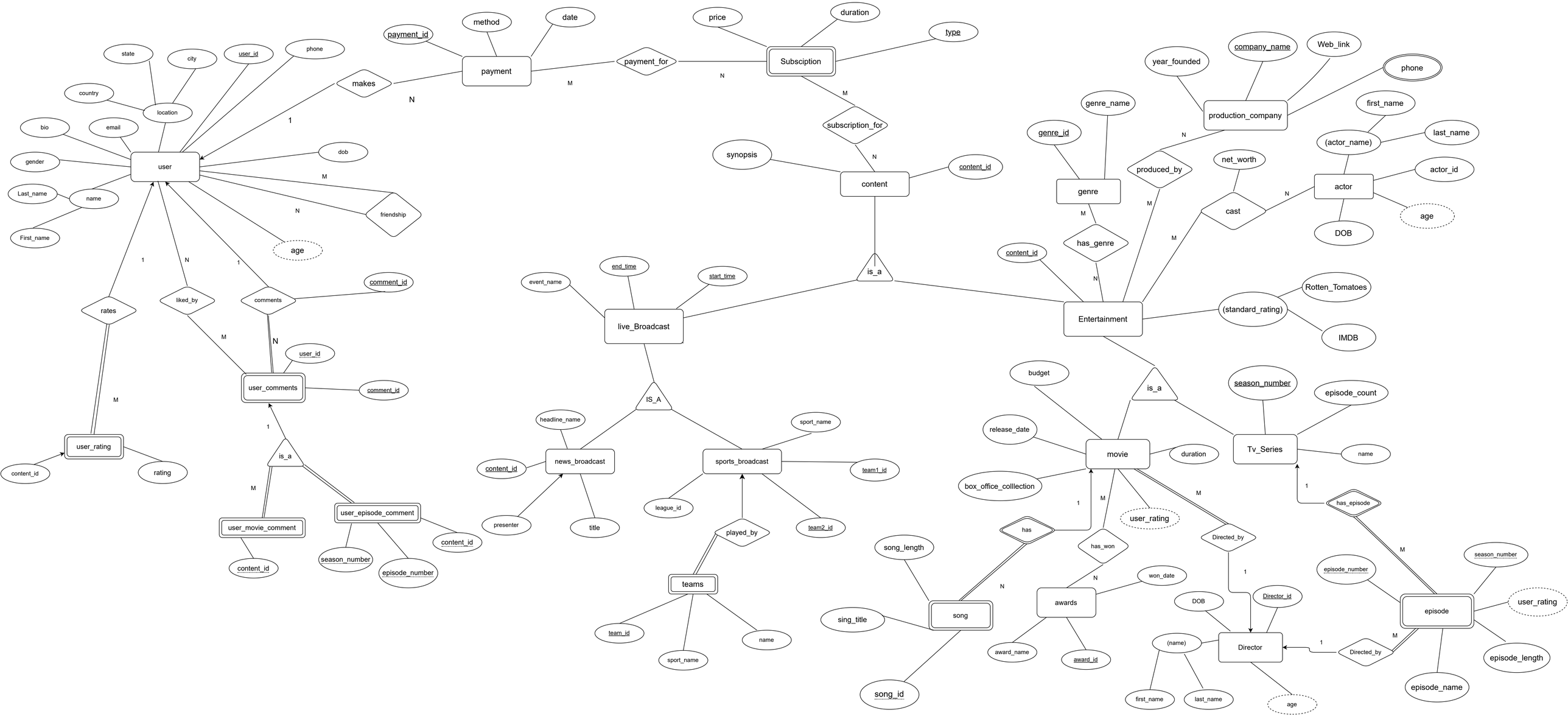
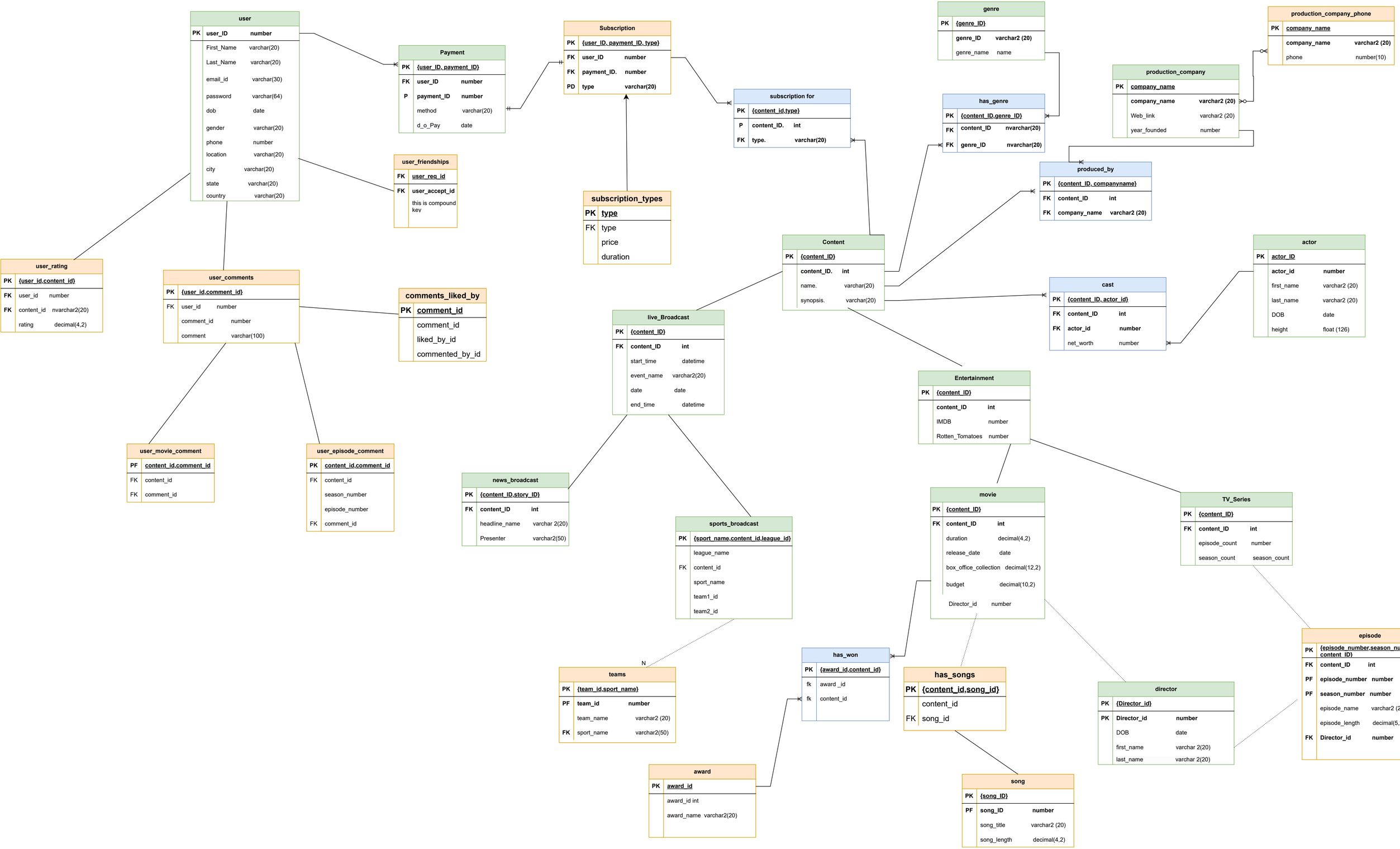
Entity Relation Model for OTT database



Entity Relation Model for OTT database



Relational Schema



SQL CODE FOR INSERTION AND TABLE CREATION

```sql
CREATE TABLE users (
   user_ID INT PRIMARY KEY ,
   First_Name VARCHAR(20),
   Last_Name VARCHAR(20),
   email_id VARCHAR(30),
   password VARCHAR(64),
   dob DATE,
   gender VARCHAR(20),
   phone VARCHAR(20),
   location VARCHAR(20),
   city VARCHAR(20),
   state VARCHAR(20),
   country VARCHAR(20)
);




CREATE TABLE user_friendships (
  user_req_id INT,
  user_accept_id INT,
  PRIMARY KEY (user_req_id, user_accept_id),
  FOREIGN KEY (user_req_id) REFERENCES users (user_ID),
  FOREIGN KEY (user_accept_id) REFERENCES users (user_ID)
);




CREATE TABLE Payment (
  user_ID INT,
  payment_ID INT,
  method VARCHAR(20),
  d_o_Pay DATE,
  PRIMARY KEY (user_ID, payment_ID),
  FOREIGN KEY (user_ID) REFERENCES users (user_ID)
);
```

```sql
CREATE TABLE Subscription (
  user_ID NUMBER,
  payment_ID NUMBER,
  type VARCHAR2(20),
  PRIMARY KEY (user_ID, payment_ID, type),
  FOREIGN KEY (user_ID) REFERENCES users (user_ID),
  FOREIGN KEY (user_ID,payment_ID) REFERENCES Payment (user_ID,payment_ID),
  price NUMBER,
  duration VARCHAR2(20)
);



CREATE TABLE subscription_for (
  type VARCHAR(20),
  content_ID INT,
  PRIMARY KEY (content_ID, type)
);



CREATE TABLE director (
  Director_id NUMBER PRIMARY KEY,
  DOB DATE,
  first_name VARCHAR2(20),
  last_name VARCHAR2(20)
);



CREATE TABLE award (
  award_id INT PRIMARY KEY,
  award_name VARCHAR2(20)
);



CREATE TABLE Genre (
  genre_ID varchar2(20) PRIMARY KEY,
  genre_name varchar2(50)
);
```

```sql
CREATE TABLE actors (
  actor_id NUMBER(10) PRIMARY KEY,
  first_name VARCHAR2(20) NOT NULL,
  last_name VARCHAR2(20) NOT NULL,
  DOB DATE NOT NULL,
  height FLOAT(126) NOT NULL
);



CREATE TABLE has_genre (
  content_ID INT,
  genre_ID varchar2(20),
  PRIMARY KEY (content_ID, genre_ID),
  FOREIGN KEY (content_ID) REFERENCES Content (content_ID),
  FOREIGN KEY (genre_ID) REFERENCES Genre (genre_ID)
);



CREATE TABLE Content (
  content_ID int PRIMARY KEY,
  name NVARCHAR2(20),
  synopsis VARCHAR2(200)
);



CREATE TABLE cast (
  content_ID INT,
  actor_id NUMBER(10),
  PRIMARY KEY (content_ID, actor_id),
  FOREIGN KEY (content_ID) REFERENCES Content (content_ID),
  FOREIGN KEY (actor_id) REFERENCES actors (actor_id)
);



CREATE TABLE Entertainment (
  content_ID INT PRIMARY KEY,
  IMDB NUMBER,
  Rotten_Tomatoes NUMBER,
  FOREIGN KEY (content_ID) REFERENCES Content (content_ID)
);
```

```sql
CREATE TABLE TV_Series (
  content_ID int PRIMARY KEY,
  episode_count NUMBER,
  season_count NUMBER,
  FOREIGN KEY (content_ID) REFERENCES ENTERTAINMENT (content_ID)
);



CREATE TABLE Episode (
  episode_number NUMBER,
  season_number NUMBER,
  content_ID int,
  episode_name VARCHAR2(100),
  episode_length DECIMAL(5,2),
  Director_id NUMBER,
  PRIMARY KEY (episode_number, season_number, content_ID),
  FOREIGN KEY (content_ID) REFERENCES TV_Series (content_ID),
  FOREIGN KEY (Director_id) REFERENCES Director (Director_id)
);



CREATE TABLE Movie (
  content_ID int,
  duration DECIMAL(4,2),
  release_date DATE,
  box_office_collection DECIMAL(12,2),
  budget DECIMAL(10,2),
  Director_id NUMBER,
  PRIMARY KEY (content_ID),
  FOREIGN KEY (content_ID) REFERENCES Entertainment (content_ID),
  FOREIGN KEY (Director_id) REFERENCES Director (Director_id)
);



CREATE TABLE Song (
  content_ID int,
  song_ID NUMBER,
  song_title VARCHAR2(20),
  song_length DECIMAL(10,2),
  PRIMARY KEY (content_ID, song_ID),
  FOREIGN KEY (content_ID) REFERENCES Movie (content_ID)
);
```

```sql
CREATE TABLE Has_Won (
  award_id int,
  content_id int,
  PRIMARY KEY (award_id, content_id),
  FOREIGN KEY (content_id) REFERENCES Movie (content_id),
  FOREIGN KEY (award_id) REFERENCES Award (award_id)
);



CREATE TABLE Live_Broadcast (
  content_ID int PRIMARY KEY,
  start_time TIMESTAMP,
  event_name VARCHAR2(20),
  end_time TIMESTAMP,
  FOREIGN KEY (content_ID) REFERENCES Content (content_ID)
);




CREATE TABLE Sports_Broadcast (
  sport_name varchar(50),
  content_ID int,
  league_name INT,
  team1_id INT,
  team2_id INT,
  PRIMARY KEY (sport_name, content_ID, league_name, team1_id, team2_id),
  FOREIGN KEY (content_ID) REFERENCES Live_Broadcast (content_ID)
);



CREATE TABLE News_Broadcast (
  content_ID INT,
  headline_name VARCHAR2(100),
  Presenter VARCHAR2(100),
  PRIMARY KEY (content_ID, headline_name),
  FOREIGN KEY (content_ID) REFERENCES Live_Broadcast (content_ID)
);
```

```sql
CREATE TABLE User_Rating (
  user_id INT,
  content_id INT,
  rating DECIMAL(4, 2),
  PRIMARY KEY (user_id, content_id),
  FOREIGN KEY (user_id) REFERENCES Users (user_id),
  FOREIGN KEY (content_id) REFERENCES Content (content_id)
);



CREATE TABLE User_Episode_Comment (
  content_id INT,
  comment_id INT,
  season_number INT,
  episode_number INT,
  PRIMARY KEY (content_id, comment_id),
  FOREIGN KEY (content_id) REFERENCES TV_SERIES (content_id)
);



CREATE TABLE User_Movie_Comment (
  content_id INT,
  comment_id INT,
  PRIMARY KEY (content_id, comment_id),
  FOREIGN KEY (content_id) REFERENCES Movie (content_id)
);



CREATE TABLE User_Comments (
  user_ID INT,
  comment_id INT,
  comments VARCHAR(50),
  PRIMARY KEY (user_ID, comment_id),
  FOREIGN KEY (user_ID) REFERENCES users (user_ID)
);
```

```sql
CREATE TABLE comments_liked_by (
  liked_by_ID INT,
  commented_by_id int,
  comment_id INT,
  PRIMARY KEY (LIKED_BY_ID, comment_id),
  FOREIGN KEY (liked_by_ID) REFERENCES users (user_ID),
  FOREIGN KEY (commented_by_id) REFERENCES users (user_ID)
);



CREATE TABLE Teams (
  team_id INT,
  team_name VARCHAR2(20),
  sport_name VARCHAR2(50),
  city varchar(50),
  PRIMARY KEY (team_id, sport_name)
);



CREATE TABLE production_company_phone (
  company_name VARCHAR2(20) ,
  phone NUMBER(10),
  PRIMARY KEY (company_name, phone),
  FOREIGN KEY (company_name) REFERENCES production_company(company_name)
);



CREATE TABLE production_company (
  company_name VARCHAR2(20) PRIMARY KEY,
  web_link VARCHAR2(200),
  year_founded NUMBER
);



CREATE TABLE produced_by (
  content_ID INT ,
  company_name VARCHAR2(200),
  PRIMARY KEY(content_id,company_name),
  FOREIGN KEY (content_ID) REFERENCES content(content_ID),
  FOREIGN KEY (company_name) REFERENCES production_company(company_name)
);
```

Normalization of tables

1.) user table

Functional Dependencies

user_ID->{user_ID,First_Name,Last_Name,email_id,password,dob,gender,phone,location, city,state,country}

Candidate key={user_ID}

As per the given data, there is only one functional dependency.

Prime attributes={user_ID}

Non-prime attributes={First_Name,Last_Name,email_id,password,dob,gender,phone,location,city,state,country}

It satisfies 1NF as all attributes are atomic.

It also satisfies 2NF as there are no partial dependencies, no non prime attribute is dependent on any proper subset of the candidate keys.

(Candidate key is atomic) It also satisfies 3NF as there are no transitive dependencies. Or we can say that for the functional dependency, the LHS is a candidate key, hence it is in 3NF.
It also satisfies BCNF as the LHS of all dependencies are candidate keys.

2.) User friendships

Attributes user_req_id and user_accept_id together form a compound key and there are no other attributes. Both of them form a compound key as they both belong to user_ID which is a foreign key that references the User table. Hence it is automatically in BCNF. Since all dependencies are trivial.

3.) Payment

Functional dependencies

{user_ID, payment_ID} -> {user_ID, payment_ID, method, d_o_Pay}

Candidate key={user_ID, payment_ID}

As per the given data, there is only one functional dependency.

Prime attributes={user_ID,payment_ID}

Non-prime attributes={method, d_o_Pay}

It satisfies 1NF as all attributes are atomic.

It also satisfies 2NF as there are no partial dependencies, no non prime attribute is dependent on any proper subset of the candidate keys.

(Candidate key is atomic) It also satisfies 3NF as there are no transitive dependencies. Or we can say that for the functional dependency, the LHS is a candidate key, hence it is in 3NF.
It also satisfies BCNF as the LHS of all dependencies are candidate keys.

4.) Subscription

Functional dependencies

{user_ID,payment_ID,type}->{user_ID,payment_ID,type,price,duration}

type->{type, price, duration}

It satisfies 1NF as all attributes are atomic.

However, it doesnt satisfy 2NF because of evidence of partial dependency from type attribute.

To rectify the same, a separate table called subscription_type is created with the functional dependency

type->{type, price, duration}

It satisfies 1NF as all attributes are atomic.

It also satisfies 2NF as there are no partial dependencies, no non prime attribute is dependent on any proper subset of the candidate keys.

(Candidate key is atomic) It also satisfies 3NF as there are no transitive dependencies. Or we can say that for the functional dependency, the LHS is a candidate key, hence it is in 3NF.
It also satisfies BCNF as the LHS of all dependencies are candidate keys.

5.) Subscription_for table

Attributes type and content_id together form a compound key and there are no other attributes. Both of them form a compound key as they both are foreign keys in their own right where content_id references the content table and type attribute references the subscription table . Hence it is automatically in BCNF. Since all dependencies are trivial.

6.) Content_ID

Functional dependencies

{content_ID}->{name,synopsis}

Candidate key={content_ID}

As per the given data, there is only one functional dependency.

Prime attributes={content_ID}

Non-prime attributes={name, synopsis}

It satisfies 1NF as all attributes are atomic.

It also satisfies 2NF as there are no partial dependencies, no non prime attribute is dependent on any proper subset of the candidate keys.

(Candidate key is atomic) It also satisfies 3NF as there are no transitive dependencies. Or we can say that for the functional dependency, the LHS is a candidate key, hence it is in 3NF.
It also satisfies BCNF as the LHS of all dependencies are candidate keys.

7.) Entertainment

Functional dependency

{content_ID}->{IMDB,Rotten_Tomatoes}

Candidate key={content_ID}

As per the given data, there is only one functional dependency.

Prime attributes={content_ID}

Non-prime attributes={IMDB, Rotten_Tomatoes}

It satisfies 1NF as all attributes are atomic.

It also satisfies 2NF as there are no partial dependencies, no non prime attribute is dependent on any proper subset of the candidate keys.

(Candidate key is atomic) It also satisfies 3NF as there are no transitive dependencies. Or we can say that for the functional dependency, the LHS is a candidate key, hence it is in 3NF.
It also satisfies BCNF as the LHS of all dependencies are candidate keys.

8.) Movie

Functional dependency

{content_ID}->{duration,relsease_date,box_office_collection,budget,directors_id}

Candidate key={content_ID}

As per the given data, there is only one functional dependency.

Prime attributes={content_ID}

Non-prime attributes={duration,relsease_date,box_office_collection,budget,directors_id}

It satisfies 1NF as all attributes are atomic.

It also satisfies 2NF as there are no partial dependencies, no non prime attribute is dependent on any proper subset of the candidate keys.

(Candidate key is atomic) It also satisfies 3NF as there are no transitive dependencies. Or we can say that for the functional dependency, the LHS is a candidate key, hence it is in 3NF.
It also satisfies BCNF as the LHS of all dependencies are candidate keys.

9.) Song

{content_ID,song_ID}->{content_ID,song_ID,song_title, singer,song_length}
{song_ID}->{song_title, singer,song_length}

Song is a weak attribute and forms a composite key with content_ID(foreign key for content table).

Therefore, Candidate key={content_ID,song_ID}

As per the given data, there are two functional dependencies.

Prime attributes={content_ID,song_ID}

Non-prime attributes={song_title, singer,song_length}

It satisfies 1NF as all attributes are atomic.
It is not in 2NF however as partial dependency is evident from song_ID.

Therefore, the table can be split into 2 tables has_songs and song(where only Songs_id is present), therefore making it BCNF directly
{song_ID}->{song_title, singer,song_length}

song_ID is the primary key and present in LHS of production, thus making it bcnf directly.

9.1) Has_Songs

Attributes content_id and songs_id together form a compound key and there are no other attributes. Both of them form a compound key as they both are foreign keys in their own right where content_id references the content table and songs_id attribute references the songs table . Hence it is automatically in BCNF. Since all dependencies are trivial.

This table is basically used to depict the relationship between movies and songs.

10.) Has_won

Functional dependency

Attributes awards_id and content_id together form a compound key and there are no other attributes. Both of them form a compound key as they both are foreign keys in their own right where content_id references the content table and awards_id attribute references the awards table . Hence it is automatically in BCNF. Since all dependencies are trivial.

11.) Awards Table

Functional dependency

{award_id}->{award_name, award_year, award_category}

Only one functional dependency

Candidate key= Prime attribute = {award_id}
It satisfies BCNF as the LHS of all dependencies are candidate keys.

12.) TV_Series

Functional dependency

content_ID -> {content_ID, episode_count , season_count}

Hence, (content_ID)+ = R and content_ID is a Candidate key and prime attribute.

All attributes have atomic domain, hence the table is in 1NF.
All attributes depend on the ID, hence the table is in 2NF.
All attributes depend directly on the ID, hence the table is in 2NF.
All determinants (ID) are candidate keys, hence the table is in BCNF.

13.) Director

Functional Dependency

director_ID -> {director_ID, first_name, last_name, DOB}
Hence, (director_ID)+

= R and director_ID is a Candidate Key and Prime Attribute.

All attributes have atomic domain, hence the table is in 1NF.
All attributes depend on the DIRECTOR_ID, hence the table is in 2NF.
All attributes depend directly on the DIRECTOR_ID, hence the table is in 2NF.
All determinants (DIRECTOR_ID) are candidate keys, hence the table is in BCNF.

14.) has_genre

Attributes genre_ID and content_id together form a compound key and there are no other attributes. Both of them form a compound key as they both are foreign keys in their own right where content_id references the content table and genre_ID attribute references the genre table . Hence it is automatically in BCNF. Since all dependencies are trivial.

15.) Genre

Functional dependency

genre_ID -> {genre_ID, genre_name}
Hence, (genre_ID)+ = R and genre_ID is a Primary Key and Primary attribute.

Primary Key: genre_ID
All attributes have atomic domain, hence the table is in 1NF.
All attributes depend on the genre_ID, hence the table is in 2NF.
All attributes depend directly on the genre_ID, hence the table is in 2NF.
All determinants (genre_ID) are candidate keys, hence the table is in BCNF.

16.) Produced_by

Functional Dependency

{content_ID, company_name} -> {content_ID,company_name}

Hence, ({content_ID, company_name})+ = R and (content_ID, company_name) is the Candidate Key and primary attributes are {content_ID, company_name}.

All attributes have atomic domain, hence the table is in 1NF.
All attributes depend on the {ID, C_NAME}, hence the table is in 2NF.
All attributes depend directly on the {ID, C_NAME}, hence the table is in 2NF.

All determinants ({ID, C_NAME}) are candidate keys, hence the table is in BCNF.

17.) Production_Company table

Functional Table

company_name -> {company_name, year_founded, Web_link}
Hence, (company_name)+ = R and comapny_name is a Primary Key/only primary attribute
Primary Key: company_name
All attributes have atomic domain, hence the table is in 1NF.
All attributes depend on the company_name, hence the table is in 2NF.
All attributes depend directly on the company_name, hence the table is in 2NF.
All determinants (company_name) are candidate keys, hence the table is in BCNF.

18.)Production_Company_Phone

It's basically a separate table made for phone numbers pertaining to a production company. Assuming that a production company may have more than one telephone number, to maintain bcnf, it needs to be separated and a new table needs to be made.

Only one functional dependency

{company_name}->{phone}

Candidate key= Prime attribute = {company_name}
It satisfies BCNF as the LHS of all dependencies are candidate keys.

19.)cast

{content_ID, actor_ID} -> {content_ID, ACTOR_ID, networth}
Hence, ({content_ID, actor_ID})+ = R and (ID, ACTOR_ID) is a Candidate Key, where ID and actor_ID are prime attributes.

content_ID and actor_ID basically form a compound key where content_ID is a foreign key referring to content table and actor_ID is a foreign key referring to actor table.

Primary Key: {content_ID, actor_ID}
All attributes have atomic domain, hence the table is in 1NF.
All attributes depend on the {content_ID, actor_ID}, hence the table is in 2NF.
All attributes depend directly on the {content_ID, actor_ID}, hence the table is in 2NF.
All determinants ({content_ID, actor_ID}) are candidate keys, hence the table is in BCNF.

20.) actor

Functional dependency

actor_ID -> {actor_ID, first_name, last_name, DOB, height}
Hence, (ACTOR_ID)+ = R and ACTOR_ID is a Primary Key.

Primary Key: actor_ID
All attributes have atomic domain, hence the table is in 1NF.
All attributes depend on the actor_ID, hence the table is in 2NF.
All attributes depend directly on the actor_ID, hence the table is in 2NF.
All determinants (actor_ID) are candidate keys, hence the table is in BCNF.

21.) live_broadcast

Functional Dependency

{content_ID}->{start_time,event_name,end_time}

Only one functional dependency

Candidate key= content_ID
Primary attributes= content_ID

All attributes have atomic domain, hence the table is in 1NF.
All attributes depend on the content_ID, hence the table is in 2NF.
All attributes depend directly on the content_ID, hence the table is in 2NF.
All determinants (content_ID) are candidate keys, hence the table is in BCNF.

22.) news_broadcast

Functional dependency

{content_ID}->{headline_name,presenter}

Only one functional dependency

Candidate key= content_ID
Primary attributes= content_ID

All attributes have atomic domain, hence the table is in 1NF.
All attributes depend on the content_ID, hence the table is in 2NF.
All attributes depend directly on the content_ID, hence the table is in 2NF.
All determinants (content_ID) are candidate keys, hence the table is in BCNF.

23.) sports_broadcast

{content_ID}->{sport_name,content_ID,league_name,team1_id,team2_id}

Only one functional dependency

Candidate key= content_ID
Primary attributes= content_ID

All attributes have atomic domain, hence the table is in 1NF.
All attributes depend on the content_ID, hence the table is in 2NF.
All attributes depend directly on the content_ID, hence the table is in 2NF.
All determinants (content_ID) are candidate keys, hence the table is in BCNF.

24.) teams

{team_id}->{sport_name,team_name,city}

Only one functional dependency

Candidate key= team_ID
Primary attributes= team_ID

All attributes have atomic domain, hence the table is in 1NF.

All attributes depend on the team_ID, hence the table is in 2NF.
All attributes depend directly on the team_ID, hence the table is in 2NF.
All determinants (team_ID) are candidate keys, hence the table is in BCNF.

25.) user_rating

Functional Dependency

{user_ID,content_ID}->{rating}

Only one functional dependency

Candidate key={user_ID,content_ID}
user_ID and content_ID basically form a compound composite key
Primary attributes={user_ID,content_ID}

It's in BCNF as LHS of functional dependency consists of the entire candidate key and there is only one production.

26.) user_comments

Functional dependency

{user_ID,comment_ID}->{comment}
comment_ID->comment
Two functional dependency
In 1NF as values are atomic
Not only in 2NF as partial dependency is evident from comment_ID
But also it's ambiguous to us that to which kind of content is the comment being made, either for TV show or for Movie.

To eliminate the same, we are dividing the table into two more further,
user_movie_comment, user_show_comment
Table 26 can be dropped to 27 and 28 for better results

27.)user_movie_comment

Functional Dependency

{user_ID,comment_id,content_id}->{comment}

Over here, candidate key is {user_id,comment_id,content_id}

All attributes have atomic domain, hence the table is in 1NF.
All attributes depend on the candidate key, hence the table is in 2NF.
All attributes depend directly on the candidate key, hence the table is in 2NF.
All determinants (user_ID,comment_id,content_id) are candidate keys, hence the table is in BCNF.

27.)user_movie_comment

Functional Dependency

{user_ID,comment_id,content_id,season_number,episode_number}->{comment}

Over here, candidate key is {user_id,comment_id,content_id}

All attributes have atomic domain, hence the table is in 1NF.
All attributes depend on the candidate key, hence the table is in 2NF.
All attributes depend directly on the candidate key, hence the table is in 2NF.
All determinants (user_ID,comment_id,content_id,season_number,episode_number) are candidate keys, hence the table is in BCNF.

29.) comments_liked_by table

Functional Dependency

{comment_id,commented_by_id,liked_by_id}->{comment_id,commented_by_id,liked_by_id}

Attributes comment_id, commented_by_id and liked_by_id together form a compound key and there are no other attributes. All three of them form a compound key as commented_by_id and liked_ny_id, being users themselves , belong to user_ID which is a foreign key that references the User table and comment_id belongs to comment table. Hence it is automatically in BCNF. Since all dependencies are trivial,i.e, LHS of production is a subset of RHS.

SQL CODE FOR DATA INSERTION

```sql
INSERT INTO users (user_ID, First_Name, Last_Name, email_id, password, dob,
gender, phone, location, city, state, country)
VALUES (1,'Rahul', 'Sharma', 'rahul.sharma@example.com',
'5f4dcc3b5aa765d61d8327deb882cf99', DATE'1992-08-12', 'Male', '9876543210',
'Mumbai', 'Mumbai', 'Maharashtra', 'India');

INSERT INTO users (user_ID, First_Name, Last_Name, email_id, password, dob,
gender, phone, location, city, state, country)
VALUES (2,'Priya', 'Patel', 'priya.patel@example.com',
'202cb962ac59075b964b07152d234b70',  DATE'1995-03-18', 'Female', '8765432109',
'Ahmedabad', 'Ahmedabad', 'Gujarat', 'India');

INSERT INTO users (user_ID, First_Name, Last_Name, email_id, password, dob,
gender, phone, location, city, state, country)
VALUES (3,'Amit', 'Verma', 'amit.verma@example.com',
'e99a18c428cb38d5f260853678922e03',  DATE'1988-11-01', 'Male', '7654321098',
'Delhi', 'New Delhi', 'Delhi', 'India');

INSERT INTO users (user_ID, First_Name, Last_Name, email_id, password, dob,
gender, phone, location, city, state, country)
VALUES (4,'Sneha', 'Kumar', 'sneha.kumar@example.com',
'8f14e45fceea167a5a36dedd4bea2543', DATE '1991-07-04', 'Female', '6543210987',
'Kolkata', 'Kolkata', 'West Bengal', 'India');

INSERT INTO users (user_ID, First_Name, Last_Name, email_id, password, dob,
gender, phone, location, city, state, country)
VALUES (5,'Rajesh', 'Gupta', 'rajesh.gupta@example.com',
'202cb962ac59075b964b07152d234b70',  DATE'1987-12-28', 'Male', '5432109876',
'Chennai', 'Chennai', 'Tamil Nadu', 'India');

INSERT INTO users (user_ID, First_Name, Last_Name, email_id, password, dob,
gender, phone, location, city, state, country)
VALUES (6,'Neha', 'Shah', 'neha.shah@example.com',
'e10adc3949ba59abbe56e057f20f883e',  DATE'1993-05-09', 'Female', '4321098765',
'Bengaluru', 'Bengaluru', 'Karnataka', 'India');

INSERT INTO users (user_ID, First_Name, Last_Name, email_id, password, dob,
gender, phone, location, city, state, country)
VALUES (7,'Rajiv', 'Singh', 'rajiv.singh@example.com',
'098f6bcd4621d373cade4e832627b4f6',  DATE'1990-09-15', 'Male', '3210987654',
'Hyderabad', 'Hyderabad', 'Telangana', 'India');

INSERT INTO users (user_ID, First_Name, Last_Name, email_id, password, dob,
gender, phone, location, city, state, country)
```

```
VALUES (8,'Anjali', 'Desai', 'anjali.desai@example.com',
'5fsd98qegduoqbs98g82397gq97feh', DATE'1992-05-
22','Female','9121561404','Hyderabad','Hyderabad','Telangana','India');

INSERT INTO users (user_ID, First_Name, Last_Name, email_id, password, dob,
gender, phone, location, city, state, country)
VALUES (9,'Aakash', 'Mehta', 'aakash.mehta@example.com',
'9ae0ea9e3c9c6e1b9b6252c8395efdc5', DATE '1994-02-22', 'Male', '2109876543',
'Jaipur', 'Jaipur', 'Rajasthan', 'India');

INSERT INTO users (user_ID, First_Name, Last_Name, email_id, password, dob,
gender, phone, location, city, state, country)
VALUES (10,'Pooja', 'Reddy', 'pooja.reddy@example.com',
'96e79218965eb72c92a549dd5a330112',  DATE'1989-06-17', 'Female', '1098765432',
'Chandigarh', 'Chandigarh', 'Punjab', 'India');




INSERT INTO user_friendships (user_req_id, user_accept_id) VALUES (1, 2);
INSERT INTO user_friendships (user_req_id, user_accept_id) VALUES (1, 3);
INSERT INTO user_friendships (user_req_id, user_accept_id) VALUES (3, 4);
INSERT INTO user_friendships (user_req_id, user_accept_id) VALUES (3, 5);
INSERT INTO user_friendships (user_req_id, user_accept_id) VALUES (4, 5);
INSERT INTO user_friendships (user_req_id, user_accept_id) VALUES (3, 6);
INSERT INTO user_friendships (user_req_id, user_accept_id) VALUES (4, 7);
INSERT INTO user_friendships (user_req_id, user_accept_id) VALUES (7, 8);
INSERT INTO user_friendships (user_req_id, user_accept_id) VALUES (8, 9);
INSERT INTO user_friendships (user_req_id, user_accept_id) VALUES (9, 10);




INSERT INTO Payment (user_ID, payment_ID, method, d_o_Pay) VALUES
(1, 1, 'Credit Card', TO_DATE('2023-05-01', 'YYYY-MM-DD'));
INSERT INTO Payment (user_ID, payment_ID, method, d_o_Pay) VALUES
(2, 2, 'PayPal', TO_DATE('2023-05-02', 'YYYY-MM-DD'));
INSERT INTO Payment (user_ID, payment_ID, method, d_o_Pay) VALUES
(3, 3, 'Bank Transfer', TO_DATE('2023-05-03', 'YYYY-MM-DD'));
INSERT INTO Payment (user_ID, payment_ID, method, d_o_Pay) VALUES
(4, 4, 'Cash', TO_DATE('2023-05-04', 'YYYY-MM-DD'));
INSERT INTO Payment (user_ID, payment_ID, method, d_o_Pay) VALUES
(5, 5, 'Credit Card', TO_DATE('2023-05-05', 'YYYY-MM-DD'));
INSERT INTO Payment (user_ID, payment_ID, method, d_o_Pay) VALUES
(6, 6, 'PayPal', TO_DATE('2023-05-06', 'YYYY-MM-DD'));
INSERT INTO Payment (user_ID, payment_ID, method, d_o_Pay) VALUES
(7, 7, 'Bank Transfer', TO_DATE('2023-05-07', 'YYYY-MM-DD'));
```

```sql
INSERT INTO Payment (user_ID, payment_ID, method, d_o_Pay) VALUES
(8, 8, 'Cash', TO_DATE('2023-05-08', 'YYYY-MM-DD'));
INSERT INTO Payment (user_ID, payment_ID, method, d_o_Pay) VALUES
(9, 9, 'Credit Card', TO_DATE('2023-05-09', 'YYYY-MM-DD'));
INSERT INTO Payment (user_ID, payment_ID, method, d_o_Pay) VALUES
(10, 10, 'PayPal', TO_DATE('2023-05-10', 'YYYY-MM-DD'));
INSERT INTO Payment (user_ID, payment_ID, method, d_o_Pay) VALUES
(1, 11, 'Bank Transfer', TO_DATE('2023-05-11', 'YYYY-MM-DD'));
INSERT INTO Payment (user_ID, payment_ID, method, d_o_Pay) VALUES
(2, 12, 'Cash', TO_DATE('2023-05-12', 'YYYY-MM-DD'));
INSERT INTO Payment (user_ID, payment_ID, method, d_o_Pay) VALUES
(3, 13, 'Credit Card', TO_DATE('2023-05-13', 'YYYY-MM-DD'));
INSERT INTO Payment (user_ID, payment_ID, method, d_o_Pay) VALUES
(4, 14, 'PayPal', TO_DATE('2023-05-14', 'YYYY-MM-DD'));
INSERT INTO Payment (user_ID, payment_ID, method, d_o_Pay) VALUES
(5, 15, 'Bank Transfer', TO_DATE('2023-05-15', 'YYYY-MM-DD'));
INSERT INTO Payment (user_ID, payment_ID, method, d_o_Pay) VALUES
(6, 16, 'Cash', TO_DATE('2023-05-16', 'YYYY-MM-DD'));
INSERT INTO Payment (user_ID, payment_ID, method, d_o_Pay) VALUES
(7, 17, 'Credit Card', TO_DATE('2023-05-17', 'YYYY-MM-DD'));
INSERT INTO Payment (user_ID, payment_ID, method, d_o_Pay) VALUES
(8, 18, 'PayPal', TO_DATE('2023-05-18', 'YYYY-MM-DD'));
INSERT INTO Payment (user_ID, payment_ID, method, d_o_Pay) VALUES
(9, 19, 'Bank Transfer', TO_DATE('2023-05-19', 'YYYY-MM-DD'));
INSERT INTO Payment (user_ID, payment_ID, method, d_o_Pay) VALUES
(10, 20, 'Cash', TO_DATE('2023-05-20', 'YYYY-MM-DD'));



INSERT INTO Subscription (user_ID, payment_ID, type, price, duration) VALUES
(1, 1, 'Premium', 400, 'Monthly');
INSERT INTO Subscription (user_ID, payment_ID, type, price, duration) VALUES
(2, 2, 'Basic', 200, 'Monthly');
INSERT INTO Subscription (user_ID, payment_ID, type, price, duration) VALUES
(3, 3, 'Premium', 400, 'Monthly');
INSERT INTO Subscription (user_ID, payment_ID, type, price, duration) VALUES
(4, 4, 'Premium', 400, 'Monthly');
INSERT INTO Subscription (user_ID, payment_ID, type, price, duration) VALUES
(5, 5, 'Premium', 400, 'Monthly');
INSERT INTO Subscription (user_ID, payment_ID, type, price, duration) VALUES
(6, 6, 'Basic', 200, 'Monthly');
INSERT INTO Subscription (user_ID, payment_ID, type, price, duration) VALUES
(7, 7, 'Basic', 200, 'Monthly');
INSERT INTO Subscription (user_ID, payment_ID, type, price, duration) VALUES
(8, 8, 'Premium', 400, 'Monthly');
INSERT INTO Subscription (user_ID, payment_ID, type, price, duration) VALUES
(9, 9, 'Basic', 200, 'Monthly');
```

```
INSERT INTO Subscription (user_ID, payment_ID, type, price, duration) VALUES
(10, 10, 'Premium', 400, 'Monthly');
INSERT INTO Subscription (user_ID, payment_ID, type, price, duration) VALUES
(1, 11, 'Basic', 1000, 'Yearly');
INSERT INTO Subscription (user_ID, payment_ID, type, price, duration) VALUES
(2, 12, 'Premium', 3000, 'Yearly');
INSERT INTO Subscription (user_ID, payment_ID, type, price, duration) VALUES
(3, 13, 'Premium', 3000, 'Yearly');
INSERT INTO Subscription (user_ID, payment_ID, type, price, duration) VALUES
(4, 14, 'Basic', 1000, 'Yearly');
INSERT INTO Subscription (user_ID, payment_ID, type, price, duration) VALUES
(5, 15, 'Premium', 3000, 'Yearly');
INSERT INTO Subscription (user_ID, payment_ID, type, price, duration) VALUES
(6, 16, 'Premium', 3000, 'Yearly');
INSERT INTO Subscription (user_ID, payment_ID, type, price, duration) VALUES
(7, 17, 'Basic', 1000, 'Yearly');
INSERT INTO Subscription (user_ID, payment_ID, type, price, duration) VALUES
(8, 18, 'Premium', 3000, 'Yearly');
INSERT INTO Subscription (user_ID, payment_ID, type, price, duration) VALUES
(9, 19, 'Premium', 3000, 'Yearly');
INSERT INTO Subscription (user_ID, payment_ID, type, price, duration) VALUES
(10, 20, 'Basic', 1000, 'Yearly');
```

```
INSERT INTO subscription_for (type, content_ID) VALUES
('Premium', 1);
INSERT INTO subscription_for (type, content_ID) VALUES
('Premium', 2);
INSERT INTO subscription_for (type, content_ID) VALUES
('Premium', 3);
INSERT INTO subscription_for (type, content_ID) VALUES
('Premium', 4);
INSERT INTO subscription_for (type, content_ID) VALUES
('Premium', 5);
INSERT INTO subscription_for (type, content_ID) VALUES
('Basic', 6);
INSERT INTO subscription_for (type, content_ID) VALUES
('Basic', 7);
INSERT INTO subscription_for (type, content_ID) VALUES
('Basic', 8);
INSERT INTO subscription_for (type, content_ID) VALUES
('Basic', 9);
```

```sql
INSERT INTO subscription_for (type, content_ID) VALUES
('Basic', 10);
INSERT INTO subscription_for (type, content_ID) VALUES
('Premium', 11);
INSERT INTO subscription_for (type, content_ID) VALUES
('Premium', 12);
INSERT INTO subscription_for (type, content_ID) VALUES
('Premium', 13);
INSERT INTO subscription_for (type, content_ID) VALUES
('Premium', 14);
INSERT INTO subscription_for (type, content_ID) VALUES
('Premium', 15);
INSERT INTO subscription_for (type, content_ID) VALUES
('Basic', 16);
INSERT INTO subscription_for (type, content_ID) VALUES
('Basic', 17);
INSERT INTO subscription_for (type, content_ID) VALUES
('Basic', 18);
INSERT INTO subscription_for (type, content_ID) VALUES
('Basic', 19);
INSERT INTO subscription_for (type, content_ID) VALUES
('Basic', 20);
INSERT INTO subscription_for (type, content_ID) VALUES
('Premium', 21);
INSERT INTO subscription_for (type, content_ID) VALUES
('Premium', 22);
INSERT INTO subscription_for (type, content_ID) VALUES
('Premium', 23);
INSERT INTO subscription_for (type, content_ID) VALUES
('Premium', 24);
INSERT INTO subscription_for (type, content_ID) VALUES
('Premium', 25);
INSERT INTO subscription_for (type, content_ID) VALUES
('Basic', 26);
INSERT INTO subscription_for (type, content_ID) VALUES
('Basic', 27);
INSERT INTO subscription_for (type, content_ID) VALUES
('Basic', 28);
INSERT INTO subscription_for (type, content_ID) VALUES
('Basic', 29);
INSERT INTO subscription_for (type, content_ID) VALUES
('Basic', 30);
INSERT INTO subscription_for (type, content_ID) VALUES
('Premium', 31);
INSERT INTO subscription_for (type, content_ID) VALUES
('Premium', 32);
INSERT INTO subscription_for (type, content_ID) VALUES
('Premium', 33);
```

```sql
INSERT INTO subscription_for (type, content_ID) VALUES
('Premium', 34);
INSERT INTO subscription_for (type, content_ID) VALUES
('Premium', 35);
INSERT INTO subscription_for (type, content_ID) VALUES
('Basic', 36);
INSERT INTO subscription_for (type, content_ID) VALUES
('Basic', 37);
INSERT INTO subscription_for (type, content_ID) VALUES
('Basic', 38);
INSERT INTO subscription_for (type, content_ID) VALUES
('Basic', 39);
INSERT INTO subscription_for (type, content_ID) VALUES
('Basic', 40);




INSERT INTO Director (Director_id, DOB, first_name, last_name)VALUES
(11, DATE'1921-08-19', 'Satyajit', 'Ray');
INSERT INTO Director (Director_id, DOB, first_name, last_name)VALUES
(12, DATE '1952-05-20', 'Maniratnam', 'Alagappan');
INSERT INTO Director (Director_id, DOB, first_name, last_name)VALUES
(13,  DATE'1924-05-20', 'Bimal', 'Roy');
INSERT INTO Director (Director_id, DOB, first_name, last_name)VALUES
(14,  DATE'1963-03-24', 'Quentin', 'Tarantino');
INSERT INTO Director (Director_id, DOB, first_name, last_name)VALUES
(15,  DATE'1970-07-30', 'Christopher', 'Nolan');
INSERT INTO Director (Director_id, DOB, first_name, last_name)VALUES
(16,  DATE'1954-08-16', 'James', 'Cameron');
INSERT INTO Director (Director_id, DOB, first_name, last_name)VALUES
(17, DATE'1944-06-07', 'Adoor', 'Gopalakrishnan');
INSERT INTO Director (Director_id, DOB, first_name, last_name)VALUES
(18, DATE'1960-04-10', 'S.S.', 'Rajamouli');
INSERT INTO Director (Director_id, DOB, first_name, last_name)VALUES
(19, DATE'1969-01-24', 'Baz', 'Luhrmann');
INSERT INTO Director (Director_id, DOB, first_name, last_name)VALUES
(20, DATE'1921-08-19', 'Satyajit', 'Ray');
INSERT INTO director (Director_id, DOB, first_name, last_name) VALUES
(1, DATE'1950-01-01', 'James', 'Burrows');
INSERT INTO director (Director_id, DOB, first_name, last_name) VALUES
(2, DATE'1970-01-01', 'David', 'Benioff');
INSERT INTO director (director_id,DOB, first_name, last_name) VALUES
(3, DATE'1970-01-01','Matt', 'Duffer');
INSERT INTO director (director_id,DOB, first_name, last_name) VALUES
(4,date' 1990-07-22', 'Mike', 'Flanagan');
INSERT INTO director (director_id,dob, first_name, last_name) VALUES
```

```
(5,date'1980-01-22', 'Sam', 'Esmail');
INSERT INTO director (director_id,dob, first_name, last_name) VALUES
(6,DATE'1954-07-20', 'Scott', 'Frank');
INSERT INTO director (director_id,dob, first_name, last_name) VALUES
 (7,DATE'1955-01-18', 'Taylor', 'Sheridan');
INSERT INTO director (director_id,dob, first_name, last_name) VALUES
(8,date'1926-08-08', 'Alastair', 'Fothergill');
INSERT INTO director (director_id,dob, first_name, last_name) VALUES
(9,date'1969-03-02', 'Alex', 'Yee');
INSERT INTO director (director_id,dob, first_name, last_name) VALUES
(10,date'2004-08-06', 'Alik', 'Sakharov');




INSERT INTO Awards (award_id, award_name)
VALUES(1, 'Oscar');
INSERT INTO Awards (award_id, award_name)
VALUE(2, 'Filmfare');
INSERT INTO Awards (award_id, award_name)
VALUES(3, 'Oscar');
INSERT INTO Awards (award_id, award_name)
VALUES(4, 'Filmfare');




INSERT INTO Genre (genre_ID, genre_name) VALUES ('1', 'Action');
INSERT INTO Genre (genre_ID, genre_name) VALUES ('2', 'Comedy');
INSERT INTO Genre (genre_ID, genre_name) VALUES ('3', 'Drama');
INSERT INTO Genre (genre_ID, genre_name) VALUES ('4', 'Thriller');
INSERT INTO Genre (genre_ID, genre_name) VALUES ('5', 'Romance');
INSERT INTO Genre (genre_ID, genre_name) VALUES ('6', 'Horror');
INSERT INTO Genre (genre_ID, genre_name) VALUES ('7', 'Science Fiction');
INSERT INTO Genre (genre_ID, genre_name) VALUES ('8', 'Fantasy');
INSERT INTO Genre (genre_ID, genre_name) VALUES ('9', 'Mystery');
INSERT INTO Genre (genre_ID, genre_name) VALUES ('10', 'Animation');
```

```sql
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
VALUES (103, 'Soumitra', 'Chatterjee', DATE'1935-01-19', 170.0);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
VALUES (94, 'Madhavan', 'R.', DATE'1970-06-01', 175.0);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
VALUES (95, 'Nutun', 'Samanta', DATE'1936-06-06', 165.0);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
VALUES (96, 'John', 'Travolta', DATE'1954-02-18', 188.0);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
VALUES (97, 'Christian', 'Bale', DATE'1974-01-30', 183.0);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
VALUES (98, 'Sam', 'Worthington', DATE'1976-08-02', 185.0);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
VALUES (99, 'Arvind', 'Swamy', DATE'1967-06-18', 175.0);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
VALUES (100, 'Prabhas', 'Raju', DATE'1979-10-23', 185.0);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
VALUES (101, 'Leonardo', 'DiCaprio', DATE'1974-11-11', 183.0);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
VALUES (102, 'Soumitra', 'Chatterjee', DATE'1935-01-19', 170.0);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (1, 'Jennifer', 'Aniston', DATE'1969-02-11', 165);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (2, 'Courteney', 'Cox', DATE'1964-06-15', 163);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (3, 'Lisa', 'Kudrow', DATE'1963-07-30', 161);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (4, 'Matt', 'LeBlanc', DATE'1967-07-25', 183);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (5, 'Matthew', 'Perry', DATE'1969-08-19', 173);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (6, 'David', 'Schwimmer', DATE'1966-04-2', 175);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (7, 'Peter', 'Dinklage', DATE'1969-06-11', 135);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (8, 'Kit', 'Harington', DATE'1986-12-26', 180);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (9, 'Emilia', 'Clarke', DATE'1986-10-23', 168);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (10, 'Nikolaj', 'Coster-Waldau', DATE'1970-07-27', 184);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (11, 'Lena', 'Headey', DATE'1973-10-3', 165);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (12, 'Maisie', 'Williams', DATE'1992-04-15', 152);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (13, 'Sophie', 'Turner', DATE'1996-02-21', 170);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (14, 'Aidan', 'Gillen', DATE'1968-02-24', 178);
```

```sql
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (15, 'Peter', 'Vaughan', DATE'1923-09-12', 161);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (16, 'Charles', 'Dance', DATE'1946-07-10', 191);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (17, 'Winona', 'Ryder', DATE'1971-10-29', 161);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (18, 'David', 'Harbour',DATE' 1975-08-10', 183);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (19, 'Finn', 'Wolfhard', DATE'2002-06-23', 173);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (20, 'Millie', 'Bobby Brown', date'2004-02-19', 163);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (21, 'Gaten', 'Matarazzo',DATE'2002-09-8', 152);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (22, 'Caleb', 'McLaughlin',DATE '2001-01-18', 175);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (23, 'Noah', 'Schnapp',DATE '2004-01-3', 161);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (24, 'Sadie', 'Sink', DATE'2002-03-16', 168);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (25, 'Natalia', 'Dyer', DATE'1995-01-13', 163);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (26, 'Charlie', 'Heaton', DATE'1994-04-6', 178);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (27, 'Joe', 'Keery', DATE'1982-09-24', 183);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (28, 'Dacre', 'Montgomery',DATE '1994-01-25', 191);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (29, 'Maya', 'Hawke', DATE'2002-07-10', 163);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (30, 'Michiel Huisman', 'Steven Crain',date' 1981-07-18', 183);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (31, 'Elizabeth Reaser', 'Olivia Crain', date'1975-03-12', 163);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (32, 'Oliver Jackson-Cohen', 'Luke Crain',date' 1986-01-12', 183);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (33, 'Kate Siegel', 'Theodora Crain',date' 1982-08-26', 168);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (34, 'Victoria Pedretti', 'Nell Crain',date' 1995-09-23', 163);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (35, 'Carla Gugino', 'Hugh Crain', date'1971-08-29', 161);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (36, 'Henry Thomas', 'Young Hugh Crain',date' 1971-09-9', 178);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (37, 'Timothy Hutton', 'Steven Crain',date' 1960-08-10', 178);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (38, 'Mckenna Grace', 'Young Theodora Crain',date' 2006-06-10', 145);
```

```
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (39, 'Julian Hilliard', 'Young Luke Crain',date' 2007-08-18', 135);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (40, 'Violet McGraw', 'Young Nell Crain', date'2008-06-19', 130);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (41, 'Eleanor Cox', 'Young Olivia Crain',date' 2006-01-23', 145);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (42, 'Rami Malek', 'Elliot Alderson',date' 1981-05-12', 178);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (43, 'Christian Slater', 'Mr. Robot',date' 1969-08-18', 178);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (44, 'Portia Doubleday', 'Angela Moss',date' 1990-07-22', 163);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (45, 'Martin Wallström', 'Tyrell Wellick',date' 1978-01-16', 183);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (46, 'Grace Gummer', 'Darlene Alderson',date' 1986-05-9', 168);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (47, 'BD Wong', 'Whiterose',date' 1960-01-24', 175);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (48, 'Michel Gill', 'Philip Price',date' 1950-01-25', 183);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (49, 'Sam Esmail', 'Leon',date' 1978-09-17', 178);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (50, 'Anya Taylor-Joy', 'Beth Harmon',DATE' 1996-04-16', 168);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (51, 'Bill Camp', 'Mr. Shaibel',DATE' 1954-07-20', 183);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height
) VALUES (52, 'Marielle Heller', 'Alma Wheatley',DATE' 1979-01-25', 168);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (53, 'Thomas Brodie', 'Benny Watts',DATE' 1990-05-21', 178);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (54, 'Moses Ingram', 'Jolene',DATE' 1994-09-09', 163);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (55, 'Harry Melling', 'Harry Beltik',DATE' 1989-03-1', 178);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (56, 'Isla Johnston', 'Young Beth Harmon',DATE' 2007-03-06', 145);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (57, 'Chloe Pirrie', 'Alice Harmon',DATE' 1994-06-27', 168);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (58, 'Sergio Di Zio', 'Allan Harmon', DATE'1963-06-17', 178);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (59, 'Dolores Carbonari', 'Margaret',DATE' 1971-03-29', 161);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (60, 'Kevin Costner', 'John Dutton',DATE' 1955-01-18', 188);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (61, 'Kelly Reilly', 'Beth Dutton',DATE' 1977-07-18', 163);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (62, 'Luke Grimes', 'Kayce Dutton',DATE' 1984-01-15', 183);
```

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INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (63, 'Wes Bentley', 'Jamie Dutton', DATE'1978-08-12', 178);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (64, 'Cole Hauser', 'Rip Wheeler', DATE'1975-08-11', 183);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (65, 'Jefferson White', 'Jimmy Hurdstrom',DATE' 1991-01-19', 183);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (66, 'Gil Birmingham', 'Mo Brings Plenty',DATE' 1953-06-28', 188);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (67, 'Forrie J. Smith', 'Lloyd Pierce',DATE' 1942-10-10', 183);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (68, 'Ryan Bingham', 'Walker', DATE'1971-03-31', 178);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (69, 'Will Patton', 'John Rainwater', DATE'1954-06-14', 178);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (70, 'David Attenborough', 'David Attenborough', date'1926-08-08',
178);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (71, 'Hailee',' Steinfeld', date'1996-04-16', 168);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (72, 'Ella ','Purnell', date'1996-09-17', 163);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (73, 'Katie ','Leung', date'1987-07-10', 163);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (74, 'Kevin ','Alejandro', date'1976-04-07', 183);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (75, 'Jason ','Spisak', date'1980-03-06', 178);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (76, 'Toks ','Olagundoye',date '1974-10-27', 168);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (77, 'JB ','Blanc',date '1969-03-02', 183);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (78, 'Harry',' Lloyd',date' 1986-01-17', 178);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (79, 'Mia ','Sinclair Jenness',date' 2005-06-06', 155);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (80, 'Reed',' Shannon',date' 2001-07-26', 173);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (81, 'Anya Chalotra', 'Yennefer of Venge',date'1996-07-02', 168);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (82, 'Freya Allan', 'Ciri', date'2004-08-06', 168);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (83, 'Joey Batey', 'Jaskier', date'1989-01-01', 183);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (84, 'MyAnna Buring', 'Tissaia de Vries',date '1983-03-22', 163);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (85, 'Tom Canton', 'Fringilla Vigo', date'1974-05-02', 183);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
```

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 VALUES (86, 'Jeremy Crawford', 'Mousesack', date'1975-05-13', 178);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (87, 'Eamon Farren', 'Cahir Mawr Dyffryn',date '1980-09-10', 183);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (88, 'Lars Mikkelsen', 'Stregobor',date '1963-09-01', 183);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (89, 'Royce Pierreson', 'Istredd',date '1988-02-10', 178);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (90, 'Wilson Radjou', 'Dijkstra',date '1982-07-11', 178);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (91, 'Anna Shaffer', 'Triss Merigold', date'1992-06-16', 163);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (92, 'Paul Bullion', 'Lambert',date' 1988-02-18', 183);
INSERT INTO actors (actor_id, first_name, last_name, DOB, height)
 VALUES (93, 'Henry Cavill', 'Geralt of Rivia',date '1983-05-05', 185);



INSERT INTO has_genre (content_ID, genre_ID)VALUES (1, '3');
INSERT INTO has_genre (content_ID, genre_ID)VALUES (2, '5');
INSERT INTO has_genre (content_ID, genre_ID)VALUES (3, '3');
INSERT INTO has_genre (content_ID, genre_ID)VALUES (4, '4');
INSERT INTO has_genre (content_ID, genre_ID)VALUES (4, '9');
INSERT INTO has_genre (content_ID, genre_ID)VALUES (5, '1');
INSERT INTO has_genre (content_ID, genre_ID)VALUES (6, '7');
INSERT INTO has_genre (content_ID, genre_ID)VALUES (7, '5');
INSERT INTO has_genre (content_ID, genre_ID)VALUES (7, '7');
INSERT INTO has_genre (content_ID, genre_ID)VALUES (8, '1');
INSERT INTO has_genre (content_ID, genre_ID)VALUES (8, '8');
INSERT INTO has_genre (content_ID, genre_ID)VALUES (9, '3');
INSERT INTO has_genre (content_ID, genre_ID)VALUES (9, '5');
INSERT INTO has_genre (content_ID, genre_ID)VALUES (10, '3');
INSERT INTO has_genre (content_ID, genre_ID) VALUES (11, 2);
INSERT INTO has_genre (content_ID, genre_ID) VALUES (12, 3);
INSERT INTO has_genre (content_ID, genre_ID) VALUES (13, 7);
INSERT INTO has_genre (content_ID, genre_ID) VALUES (14, 6);
INSERT INTO has_genre (content_ID, genre_ID) VALUES (15, 4);
INSERT INTO has_genre (content_ID, genre_ID) VALUES (16, 6);
INSERT INTO has_genre (content_ID, genre_ID) VALUES (17, 3);
INSERT INTO has_genre (content_ID, genre_ID) VALUES (18, 8);
INSERT INTO has_genre (content_ID, genre_ID) VALUES (19, 10);
INSERT INTO has_genre (content_ID, genre_ID) VALUES (20, 8);
```

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INSERT INTO Content (content_ID, name, synopsis)VALUES
(1, 'Pather Panchali', 'A coming-of-age story about a young boy growing up in
rural India.');
INSERT INTO Content (content_ID, name, synopsis)VALUES
(2, 'Swayamwaram', 'A love story between a princess and a commoner.');
INSERT INTO Content (content_ID, name, synopsis)VALUES
(3, 'Sujata', 'A story about a young woman who falls in love with a man from a
higher social class.');
INSERT INTO Content (content_ID, name, synopsis)VALUES
(4, 'Pulp Fiction', 'A crime thriller about two hitmen, a boxer, and his
wife.');
INSERT INTO Content (content_ID, name, synopsis)VALUES
(5, 'The Dark Knight', 'A superhero film about Batman and his fight against
the Joker.');\
INSERT INTO Content (content_ID, name, synopsis)VALUES
(6, 'Avatar', 'A science fiction film about a paraplegic marine who is
transported to another world and becomes a warrior.');
INSERT INTO Content (content_ID, name, synopsis)VALUES
(7, 'Bombay', 'A love story set against the backdrop of the 1993 Bombay
riots.');
INSERT INTO Content (content_ID, name, synopsis)VALUES
(8, 'Baahubali Beginning', 'A historical epic about two brothers who fight for
their kingdom.');
INSERT INTO Content (content_ID, name, synopsis)VALUES
(9, 'The Great Gatsby', 'A love story set against the backdrop of the Roaring
Twenties.');
INSERT INTO Content (content_ID, name, synopsis)VALUES
(10, 'Charulata', 'A story about a woman who is trapped in a loveless
marriage.');
insert into content (content_id, name, synopsis)values
(31, 'Debate Show', 'The debate that will change the world. Hear both
sides.');
insert into content (content_id, name, synopsis)values
(32, 'Debate Show', 'The debate that will change the world. Hear both
sides.');
insert into content (content_id, name, synopsis)values
(33, 'Headlines', 'The debate that will change the world. Hear both sides.');
insert into content (content_id, name, synopsis)values
(34, 'Headlines', 'The debate that will change the world. Hear both sides.');
insert into content (content_id, name, synopsis)values
(35, 'Cont breakdown', 'The breakdown everyone deserves');
insert into content (content_id, name, synopsis)values
(36, 'Cont Breakdown', 'The breakdown everyone deserves');
insert into content (content_id, name, synopsis)values
(37, 'Live Updates', 'second by second updates on what's happening');
insert into content (content_id, name, synopsis)values
(38, 'Sports takes', 'The best punditry that gets you engrossed in the game');
insert into content (content_id, name, synopsis)values
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(39, 'Sports Updates', 'The best punditry that gets you engrossed in the
game');
insert into content (content_id, name, synopsis)values
(40, 'Breakdown', 'The breakdown everyone deserves');
INSERT INTO content (content_id, name, synopsis)VALUES
(21, 'Football', 'seamless broadcast with world class commentary');
INSERT INTO content (content_id, name, synopsis)VALUES
(22, 'Football', 'seamless broadcast with world class commentary');
INSERT INTO content (content_id, name, synopsis)VALUES
(23, 'Football', 'seamless broadcast with world class commentary');
INSERT INTO content (content_id, name, synopsis)VALUES
(24, 'Football', 'seamless broadcast with world class commentary');
INSERT INTO content (content_id, name, synopsis)VALUES
(25, 'Basketball', 'seamless broadcast with world class commentary');
INSERT INTO content (content_id, name, synopsis)VALUES
(26, 'Basketball', 'seamless broadcast with world class commentary');
INSERT INTO content (content_id, name, synopsis)VALUES
(27, 'Basketball', 'seamless broadcast with world class commentary');
INSERT INTO content (content_id, name, synopsis)VALUES
(28, 'Basketball', 'seamless broadcast with world class commentary');
INSERT INTO content (content_id, name, synopsis)VALUES
(29, 'Cricket', 'seamless broadcast with world class commentary');
INSERT INTO content (content_id, name, synopsis)VALUES
(30, 'Cricket', 'seamless broadcast with world class commentary');
INSERT INTO Content (content_ID, name, synopsis) VALUES
 (11, 'Friends', 'A group of six friends in their 20s and 30s live in
Manhattan and deal with the ups and downs of life and love.');
INSERT INTO Content (content_ID, name, synopsis) VALUES
(12, 'Game of Thrones', 'Set in the fictional continents of Westeros and
Essos, Game of Thrones tells the story of several powerful families as they
vie for control of the Iron Throne.');
INSERT INTO Content (content_ID, name, synopsis) VALUES
(13, 'Stranger Things', 'A group of friends in the 1980s fight supernatural
forces after their friend disappears.');
INSERT INTO Content (content_ID, name, synopsis) VALUES
(14, 'The Haunting  House', 'A family of five begins to unravel dark secrets
from their past when they move into an old Victorian mansion.');
INSERT INTO Content (content_ID, name, synopsis) VALUES
(15, 'Mr. Robot', 'A young computer programmer and cyber-security engineer is
recruited by a mysterious anarchist to join a group of hacktivists in
overthrowing corporate America.');
INSERT INTO Content (content_ID, name, synopsis) VALUES
(16, 'The Queens Gambit', 'An orphaned chess prodigy struggles with addiction
and emotional problems while trying to become the worlds greatest chess
player.');
INSERT INTO Content (content_ID, name, synopsis) VALUES
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(17, 'Yellowstone', 'The Dutton family controls the largest contiguous ranch
in the United States. When they are threatened by land developers, they must
defend their way of life.');
INSERT INTO Content (content_ID, name, synopsis) VALUES
(18, 'Our Planet', 'A stunning natural history documentary series that
explores the planets most spectacular habitats and wildlife.');
INSERT INTO Content (content_ID, name, synopsis) VALUES
(19, 'Arcane', 'A dark fantasy animated series that tells the story of two
sisters who grow up in rival cities and find themselves on opposite sides of a
war.');
INSERT INTO Content (content_ID, name, synopsis) VALUES
(20, 'The Witcher', 'A monster hunter struggles to find his place in a world
where people often prove more wicked than beasts.');



INSERT INTO cast (content_ID, actor_id) VALUES (1, 103);
INSERT INTO cast (content_ID, actor_id) VALUES (2, 94);
INSERT INTO cast (content_ID, actor_id) VALUES (3, 95);
INSERT INTO cast (content_ID, actor_id) VALUES (4, 96);
INSERT INTO cast (content_ID, actor_id) VALUES (5, 97);
INSERT INTO cast (content_ID, actor_id) VALUES (6, 98);
INSERT INTO cast (content_ID, actor_id) VALUES (7, 99);
INSERT INTO cast (content_ID, actor_id) VALUES (8, 100);
INSERT INTO cast (content_ID, actor_id) VALUES (9, 101);
INSERT INTO cast (content_ID, actor_id) VALUES (10, 102);
INSERT INTO CAST (actor_id, content_ID) VALUES (1, 11);
INSERT INTO CAST (actor_id, content_ID) VALUES (2, 11);
INSERT INTO CAST (actor_id, content_ID) VALUES (3, 11);
INSERT INTO CAST (actor_id, content_ID) VALUES (4, 11);
INSERT INTO CAST (actor_id, content_ID) VALUES (5, 11);
INSERT INTO CAST (actor_id, content_ID) VALUES (6, 11);
INSERT INTO CAST (actor_id, content_ID) VALUES (7, 12);
INSERT INTO CAST (actor_id, content_ID) VALUES (8, 12);
INSERT INTO CAST (actor_id, content_ID) VALUES (9, 12);
INSERT INTO CAST (actor_id, content_ID) VALUES (10, 12);
INSERT INTO CAST (actor_id, content_ID) VALUES (11, 12);
INSERT INTO CAST (actor_id, content_ID) VALUES (12, 12);
INSERT INTO CAST (actor_id, content_ID) VALUES (13, 12);
INSERT INTO CAST (actor_id, content_ID) VALUES (14, 12);
INSERT INTO CAST (actor_id, content_ID) VALUES (15, 12);
INSERT INTO CAST (actor_id, content_ID) VALUES (16, 12);
INSERT INTO CAST (actor_id, content_ID) VALUES (17, 13);
INSERT INTO CAST (actor_id, content_ID) VALUES (18, 13);
INSERT INTO CAST (actor_id, content_ID) VALUES (19, 13);
INSERT INTO CAST (actor_id, content_ID) VALUES (20, 13);
INSERT INTO CAST (actor_id, content_ID) VALUES (21, 13);
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INSERT INTO CAST (actor_id, content_ID) VALUES (22, 13);
INSERT INTO CAST (actor_id, content_ID) VALUES (23, 13);
INSERT INTO CAST (actor_id, content_ID) VALUES (24, 13);
INSERT INTO CAST (actor_id, content_ID) VALUES (25, 13);
INSERT INTO CAST (actor_id, content_ID) VALUES (26, 13);
INSERT INTO CAST (actor_id, content_ID) VALUES (27, 13);
INSERT INTO CAST (actor_id, content_ID) VALUES (28, 13);
INSERT INTO CAST (actor_id, content_ID) VALUES (29, 13);
INSERT INTO CAST (actor_id, content_ID) VALUES (30, 14);
INSERT INTO CAST (actor_id, content_ID) VALUES (31, 14);
INSERT INTO CAST (actor_id, content_ID) VALUES (32, 14);
INSERT INTO CAST (actor_id, content_ID) VALUES (33, 14);
INSERT INTO CAST (actor_id, content_ID) VALUES (34, 14);
INSERT INTO CAST (actor_id, content_ID) VALUES (35, 14);
INSERT INTO CAST (actor_id, content_ID) VALUES (36, 14);
INSERT INTO CAST (actor_id, content_ID) VALUES (37, 14);
INSERT INTO CAST (actor_id, content_ID) VALUES (38, 14);
INSERT INTO CAST (actor_id, content_ID) VALUES (39, 14);
INSERT INTO CAST (actor_id, content_ID) VALUES (40, 14);
INSERT INTO CAST (actor_id, content_ID) VALUES (41, 14);
INSERT INTO CAST (actor_id, content_ID) VALUES (42, 15);
INSERT INTO CAST (actor_id, content_ID) VALUES (43, 15);
INSERT INTO CAST (actor_id, content_ID) VALUES (44, 15);
INSERT INTO CAST (actor_id, content_ID) VALUES (45, 15);
INSERT INTO CAST (actor_id, content_ID) VALUES (46, 15);
INSERT INTO CAST (actor_id, content_ID) VALUES (47, 15);
INSERT INTO CAST (actor_id, content_ID) VALUES (48, 15);
INSERT INTO CAST (actor_id, content_ID) VALUES (49, 15);
INSERT INTO CAST (actor_id, content_ID) VALUES (50, 16);
INSERT INTO CAST (actor_id, content_ID) VALUES (51, 16);
INSERT INTO CAST (actor_id, content_ID) VALUES (52, 16);
INSERT INTO CAST (actor_id, content_ID) VALUES (53, 16);
INSERT INTO CAST (actor_id, content_ID) VALUES (54, 16);
INSERT INTO CAST (actor_id, content_ID) VALUES (55, 16);
INSERT INTO CAST (actor_id, content_ID) VALUES (56, 16);
INSERT INTO CAST (actor_id, content_ID) VALUES (57, 16);
INSERT INTO CAST (actor_id, content_ID) VALUES (58, 16);
INSERT INTO CAST (actor_id, content_ID) VALUES (59, 16);
INSERT INTO CAST (actor_id, content_ID) VALUES (60, 17);
INSERT INTO CAST (actor_id, content_ID) VALUES (61, 17);
INSERT INTO CAST (actor_id, content_ID) VALUES (62, 17);
INSERT INTO CAST (actor_id, content_ID) VALUES (63, 17);
INSERT INTO CAST (actor_id, content_ID) VALUES (64, 17);
INSERT INTO CAST (actor_id, content_ID) VALUES (65, 17);
INSERT INTO CAST (actor_id, content_ID) VALUES (66, 17);
INSERT INTO CAST (actor_id, content_ID) VALUES (67, 17);
INSERT INTO CAST (actor_id, content_ID) VALUES (68, 17);
INSERT INTO CAST (actor_id, content_ID) VALUES (69, 17);
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INSERT INTO CAST (actor_id, content_ID) VALUES (70, 18);
INSERT INTO CAST (actor_id, content_ID) VALUES (71, 19);
INSERT INTO CAST (actor_id, content_ID) VALUES (72, 19);
INSERT INTO CAST (actor_id, content_ID) VALUES (73, 19);
INSERT INTO CAST (actor_id, content_ID) VALUES (74, 19);
INSERT INTO CAST (actor_id, content_ID) VALUES (75, 19);
INSERT INTO CAST (actor_id, content_ID) VALUES (76, 19);
INSERT INTO CAST (actor_id, content_ID) VALUES (77, 19);
INSERT INTO CAST (actor_id, content_ID) VALUES (78, 19);
INSERT INTO CAST (actor_id, content_ID) VALUES (79, 19);
INSERT INTO CAST (actor_id, content_ID) VALUES (80, 19);
INSERT INTO CAST (actor_id, content_ID) VALUES (93, 20);
INSERT INTO CAST (actor_id, content_ID) VALUES (81, 20);
INSERT INTO CAST (actor_id, content_ID) VALUES (82, 20);
INSERT INTO CAST (actor_id, content_ID) VALUES (83, 20);
INSERT INTO CAST (actor_id, content_ID) VALUES (84, 20);
INSERT INTO CAST (actor_id, content_ID) VALUES (85, 20);
INSERT INTO CAST (actor_id, content_ID) VALUES (86, 20);
INSERT INTO CAST (actor_id, content_ID) VALUES (87, 20);
INSERT INTO CAST (actor_id, content_ID) VALUES (88, 20);
INSERT INTO CAST (actor_id, content_ID) VALUES (89, 20);
INSERT INTO CAST (actor_id, content_ID) VALUES (90, 20);
INSERT INTO CAST (actor_id, content_ID) VALUES (91, 20);
INSERT INTO CAST (actor_id, content_ID) VALUES (92, 20);



INSERT INTO Entertainment (content_ID, IMDB, Rotten_Tomatoes)VALUES (1, 82,
91);
INSERT INTO Entertainment (content_ID, IMDB, Rotten_Tomatoes)VALUES (2, 77,
89);
INSERT INTO Entertainment (content_ID, IMDB, Rotten_Tomatoes)VALUES (3, 81,
90);
INSERT INTO Entertainment (content_ID, IMDB, Rotten_Tomatoes)VALUES (4, 89,
96);
INSERT INTO Entertainment (content_ID, IMDB, Rotten_Tomatoes)VALUES (5, 90,
94);
INSERT INTO Entertainment (content_ID, IMDB, Rotten_Tomatoes)VALUES (6, 82,
92);
INSERT INTO Entertainment (content_ID, IMDB, Rotten_Tomatoes)VALUES (7, 81,
90);
INSERT INTO Entertainment (content_ID, IMDB, Rotten_Tomatoes)VALUES (8, 88,
91);
INSERT INTO Entertainment (content_ID, IMDB, Rotten_Tomatoes)VALUES (9, 75,
87);
INSERT INTO Entertainment (content_ID, IMDB, Rotten_Tomatoes)VALUES (10, 80,
88);
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INSERT INTO Entertainment (content_ID, IMDB, Rotten_Tomatoes) VALUES (11, 96, 97);
INSERT INTO Entertainment (content_ID, IMDB, Rotten_Tomatoes) VALUES (12, 93, 94);
INSERT INTO Entertainment (content_ID, IMDB, Rotten_Tomatoes) VALUES (13, 88, 95);
INSERT INTO Entertainment (content_ID, IMDB, Rotten_Tomatoes) VALUES (14, 86, 92);
INSERT INTO Entertainment (content_ID, IMDB, Rotten_Tomatoes) VALUES (15, 89, 96);
INSERT INTO Entertainment (content_ID, IMDB, Rotten_Tomatoes) VALUES (16, 88, 96);
INSERT INTO Entertainment (content_ID, IMDB, Rotten_Tomatoes) VALUES (17, 83, 94);
INSERT INTO Entertainment (content_ID, IMDB, Rotten_Tomatoes) VALUES (18, 91, 98);
INSERT INTO Entertainment (content_ID, IMDB, Rotten_Tomatoes) VALUES (19, 93, 97);
INSERT INTO Entertainment (content_ID, IMDB, Rotten_Tomatoes) VALUES (20, 82, 67);



INSERT INTO TV_Series (content_ID, episode_count, season_count) VALUES (11, 236, 10);
INSERT INTO TV_Series (content_ID, episode_count, season_count) VALUES (12, 73, 8);
INSERT INTO TV_Series (content_ID, episode_count, season_count) VALUES (13, 47, 4);
INSERT INTO TV_Series (content_ID, episode_count, season_count) VALUES (14, 10, 1);
INSERT INTO TV_Series (content_ID, episode_count, season_count) VALUES (15, 45, 4);
INSERT INTO TV_Series (content_ID, episode_count, season_count) VALUES (16, 7, 1);
INSERT INTO TV_Series (content_ID, episode_count, season_count) VALUES (17, 40, 4);
INSERT INTO TV_Series (content_ID, episode_count, season_count) VALUES (18, 8, 1);
INSERT INTO TV_Series (content_ID, episode_count, season_count) VALUES (19, 9, 1);
INSERT INTO TV_Series (content_ID, episode_count, season_count) VALUES (20, 16, 1);
```

```sql
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name, episode_length, Director_id) VALUES (1, 1, 11, 'The One Where Monica Gets a Roommate', 22.0, 1);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name, episode_length, Director_id) VALUES (2, 1, 11, 'The One with the East German Laundry Detergent', 22.0, 1);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name, episode_length, Director_id) VALUES (3, 1, 11, 'The One with the Blackout', 22.0, 1);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name, episode_length, Director_id) VALUES (4, 1, 11, 'The One Where Rachel Smokes', 22.0, 1);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name, episode_length, Director_id) VALUES (5, 1, 11, 'The One with the Sonogram', 22.0, 1);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name, episode_length, Director_id) VALUES (6, 1, 11, 'The One with the Monkey', 22.0, 1);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name, episode_length, Director_id) VALUES (7, 1, 11, 'The One with the Race Car Bed', 22.0, 1);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name, episode_length, Director_id) VALUES (8, 1, 11, 'The One with the Halloween Party', 22.0, 1);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name, episode_length, Director_id) VALUES (9, 1, 11, 'The One with the Prom Video', 22.0, 1);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name, episode_length, Director_id) VALUES (1, 1, 12, 'Winter is Coming', 55.0, 2);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name, episode_length, Director_id) VALUES (2, 1, 12, 'The Kingsroad', 55.0, 2);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name, episode_length, Director_id) VALUES (3, 1, 12, 'Lord Snow', 55.0, 2);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name, episode_length, Director_id) VALUES (4, 1, 12, 'Cripples, Bastards, and Broken Things', 55.0, 2);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name, episode_length, Director_id) VALUES (5, 1, 12, 'The Wolf and the Lion', 55.0, 2);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name, episode_length, Director_id) VALUES (6, 1, 12, 'A Golden Crown', 55.0, 2);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name, episode_length, Director_id) VALUES (7, 1, 12, 'You Win or You Die', 55.0, 2);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name, episode_length, Director_id) VALUES (8, 1, 12, 'Baelor', 55.0, 2);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name, episode_length, Director_id) VALUES (9, 1, 12, 'Fire and Blood', 55.0, 2);
```

```
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (1, 1, 13, 'The Vanishing of Will Byers',
45.0, 3);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (2, 1, 13, 'The Weirdo on Maple Street',
45.0, 3);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (3, 1, 13, 'Holly, Jolly', 45.0, 3);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (4, 1, 13, 'The Body', 45.0, 3);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (5, 1, 13, 'The Upside Down', 45.0, 3);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (1, 1, 14, 'Coughing Up Blood', 52.0, 4);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (2, 1, 14, 'The Bent-Neck Lady', 52.0, 4);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (3, 1, 14, 'Touch', 52.0, 4);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (4, 1, 14, 'The Chase', 52.0, 4);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (5, 1, 14, 'The Bent-Neck Lady II', 52.0,
4);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (1, 1, 15, 'eps1.0_hellofriend.mov', 45.0,
5);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (2, 1, 15, 'eps1.1_ones-and-zeros.wmv',
45.0, 5);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (3, 1, 15, 'eps1.2_darlene.avi', 45.0, 5);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (4, 1, 15, 'eps1.3_dave.txt', 45.0, 5);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (5, 1, 15, 'eps1.4_3xpl0its.wmv', 45.0,
5);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (1, 1, 16, 'The Queens Gambit', 52.0, 6);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (2, 1, 16, 'The Wheat Queen', 52.0, 6);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (3, 1, 16, 'The Orphan Queen', 52.0, 6);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (4, 1, 16, 'The Exchange Variation', 52.0,
6);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (5, 1, 16, 'The Budapest Gambit', 52.0,
6);
```

```sql
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (1, 1, 17, 'Pilot', 60.0, 7);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (2, 1, 17, 'Cattle Drive', 60.0, 7);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (3, 1, 17, 'Coming Home', 60.0, 1);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (4, 1, 17, 'The Unraveling', 60.0, 7);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (5, 1, 17, 'The Bad Seed', 60.0, 7);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (1, 1, 18, 'One Planet', 50.0, 8);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (2, 1, 18, 'Frozen Worlds', 50.0, 8);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (3, 1, 18, 'Jungles', 50.0, 8);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (4, 1, 18, 'Coasts', 50.0, 8);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (5, 1, 18, 'Deserts', 50.0, 8);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (6, 1, 18, 'Grasslands', 50.0, 8);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (7, 1, 18, 'High Seas', 50.0, 8);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (8, 1, 18, 'Fresh Water', 50.0, 8);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (9, 1, 18, 'Cities', 50.0, 8);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (1, 1, 19, 'Welcome to the Playground',
50.0, 9);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (2, 1, 19, 'Nemesis', 50.0, 9);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (3, 1, 19, 'The Rig', 50.0, 3);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (4, 1, 19, 'Firelights', 50.0, 9);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (5, 1, 19, 'The Monster You Created',
50.0, 9);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (6, 1, 19, 'Heroes', 50.0, 9);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (7, 1, 19, 'Faces of Change', 50.0, 9);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (8, 1, 19, 'Where the Dead Lie', 50.0, 9);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (9, 1, 19, 'The Right Path', 50.0, 9);
```

```
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (1, 1, 10, 'The End', 50.0, 10);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (2, 1, 10, 'A Grain of Truth', 50.0, 10);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (3, 1, 10, 'The Lesser Evil', 50.0, 10);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (4, 1, 10, 'The Edge of the World', 50.0,
10);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (5, 1, 10, 'The Golden Dragon', 50.0, 10);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (6, 1, 10, 'Of Banquets, Bastards and
Burials', 50.0, 10);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (7, 1, 10, 'Treason', 50.0, 10);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (8, 1, 10, 'Before a Storm', 50.0, 10);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (9, 1, 10, 'Cahir', 50.0, 10);
INSERT INTO Episode (episode_number, season_number, content_ID, episode_name,
episode_length, Director_id) VALUES (10, 1, 10, 'The Last Wish', 50.0, 10);









INSERT INTO Movie (content_ID, duration, release_date, box_office_collection,
budget, Director_id)VALUES (1, 11.1, DATE'1955-08-26', 1200000, 20000, 11); --
//Pather panchali
INSERT INTO Movie (content_ID, duration, release_date, box_office_collection,
budget, Director_id)VALUES (2, 15.0, DATE'1999-05-20', 121654, 60827 , 12); --
//Swayamwaram
INSERT INTO Movie (content_ID, duration, release_date, box_office_collection,
budget, Director_id)VALUES (3, 14.5, DATE'1959-03-20', 85158, 60827, 13); --
//Sujata(Bimal Roy)
INSERT INTO Movie (content_ID, duration, release_date, box_office_collection,
budget, Director_id)VALUES (4, 15.4, DATE'1994-10-14', 213400000, 8000000,
14); --//tarantino(pulp fiction)
INSERT INTO Movie (content_ID, duration, release_date, box_office_collection,
budget, Director_id)VALUES (5, 15.2, DATE'2008-07-14', 1000000, 185000, 15); -
-//nolan(dark knight)
INSERT INTO Movie (content_ID, duration, release_date, box_office_collection,
budget, Director_id)VALUES (6, 16.2, DATE'2009-12-18', 27900000, 237000, 16);
--//avatar cameron james
```

```
INSERT INTO Movie (content_ID, duration, release_date, box_office_collection,
budget, Director_id)VALUES (7, 15.0, DATE'1995-03-10', 2676384, 328465, 17); -
-//maniratnam (bombay)
INSERT INTO Movie (content_ID, duration, release_date, box_office_collection,
budget, Director_id)VALUES (8, 15.9, DATE'2015-07-10', 30413450, 21897684,
18); --//bahubali ssrajamouli
INSERT INTO Movie (content_ID, duration, release_date, box_office_collection,
budget, Director_id)VALUES (9, 14.2, DATE'2013-05-10', 353600000, 150000, 19);
--//greatgatsbyb
INSERT INTO Movie (content_ID, duration, release_date, box_office_collection,
budget, Director_id)VALUES (10, 11.7, DATE'1964-05-15', 1100000, 70000, 20); -
-//charulatha(satyajitray)
```

```
INSERT INTO Song (content_ID, song_ID, song_title, song_length)VALUES (1, 1,
'Pather Panchali Theme', 2.47);
INSERT INTO Song (content_ID, song_ID, song_title, song_length)VALUES (7, 2,
'Bombay Theme', 5.16);
INSERT INTO Song (content_ID, song_ID, song_title, song_length)VALUES (8, 3,
'Dhivara', 3.47);
```

```
INSERT INTO has_won (content_id, award_id)VALUES (5, 1);
INSERT INTO has_won (content_id, award_id)VALUES (8, 2);
INSERT INTO has_won (content_id, award_id)VALUES (6, 3);
INSERT INTO has_won (content_id, award_id)VALUES (7, 4);
```

```
INSERT INTO live_broadcast (content_id, event_name, start_time, end_time)
VALUES (31, 'World News', TIMESTAMP '2023-05-10 09:00:00', TIMESTAMP '2023-05-
12 11:00:00');
INSERT INTO live_broadcast (content_id, event_name, start_time, end_time)
VALUES (32, 'World News', TIMESTAMP '2023-05-09 14:00:00', TIMESTAMP '2023-05-
12 16:00:00');
INSERT INTO live_broadcast (content_id, event_name, start_time, end_time)
VALUES (33, 'World News', TIMESTAMP '2023-05-08 08:00:00', TIMESTAMP '2023-05-
08 10:00:00');
INSERT INTO live_broadcast (content_id, event_name, start_time, end_time)
VALUES (34, 'World News', TIMESTAMP '2023-05-08 12:00:00', TIMESTAMP '2023-05-
12 13:00:00');
INSERT INTO live_broadcast (content_id, event_name, start_time, end_time)
VALUES (35, 'World News', TIMESTAMP '2023-05-10 19:00:00', TIMESTAMP '2023-05-
12 21:00:00');
INSERT INTO live_broadcast (content_id, event_name, start_time, end_time)
VALUES (36, 'Local News', TIMESTAMP '2023-05-10 20:00:00', TIMESTAMP '2023-05-
12 22:00:00');
INSERT INTO live_broadcast (content_id, event_name, start_time, end_time)
VALUES (37, 'Local News', TIMESTAMP '2023-05-12 16:00:00', TIMESTAMP '2023-05-
12 17:00:00');
INSERT INTO live_broadcast (content_id, event_name, start_time, end_time)
VALUES (38, 'Sports News', TIMESTAMP '2023-05-12 18:00:00', TIMESTAMP '2023-
05-12 19:00:00');
INSERT INTO live_broadcast (content_id, event_name, start_time, end_time)
VALUES (39, 'Sports News', TIMESTAMP '2023-05-12 17:00:00', TIMESTAMP '2023-
05-12 20:00:00');
INSERT INTO live_broadcast (content_id, event_name, start_time, end_time)
VALUES (40, 'Sports News', TIMESTAMP '2023-05-12 14:00:00', TIMESTAMP '2023-
05-12 17:00:00');
INSERT INTO live_broadcast (content_id, event_name, start_time,
end_time)VALUES (21, 'Premier League', TIMESTAMP '2023-05-12 12:30:00',
TIMESTAMP '2023-05-12 14:30:00');
INSERT INTO live_broadcast (content_id, event_name, start_time,
end_time)VALUES (22, 'Premier League', TIMESTAMP '2023-05-12 16:00:00',
TIMESTAMP '2023-05-12 18:00:00');
INSERT INTO live_broadcast (content_id, event_name, start_time,
end_time)VALUES (23, 'Champions League', TIMESTAMP '2023-05-13 15:00:00',
TIMESTAMP '2023-05-13 17:00:00');
INSERT INTO live_broadcast (content_id, event_name, start_time,
end_time)VALUES (24, 'Europa League', TIMESTAMP '2023-05-14 18:00:00',
TIMESTAMP '2023-05-14 20:00:00');
INSERT INTO live_broadcast (content_id, event_name, start_time,
end_time)VALUES (25, 'NBA semi finals', TIMESTAMP '2023-05-12 20:00:00',
TIMESTAMP '2023-05-12 22:30:00');
INSERT INTO live_broadcast (content_id, event_name, start_time,
end_time)VALUES (26, 'NBA semi finals', TIMESTAMP '2023-05-13 16:00:00',
TIMESTAMP '2023-05-13 18:30:00');
```

```
INSERT INTO live_broadcast (content_id, event_name, start_time,
end_time)VALUES (27, 'NBA semi finals', TIMESTAMP '2023-05-13 17:00:00',
TIMESTAMP '2023-05-13 19:30:00');
INSERT INTO live_broadcast (content_id, event_name, start_time,
end_time)VALUES (28, 'NBA semi finals', TIMESTAMP '2023-05-14 13:00:00',
TIMESTAMP '2023-05-14 15:00:00');
INSERT INTO live_broadcast (content_id, event_name, start_time,
end_time)VALUES (29, 'IPL Match', TIMESTAMP '2023-05-13 17:00:00', TIMESTAMP
'2023-05-13 21:00:00');
INSERT INTO live_broadcast (content_id, event_name, start_time,
end_time)VALUES (30, 'IPL Match', TIMESTAMP '2023-05-14 18:00:00', TIMESTAMP
'2023-05-14 20:00:00');
```

```
INSERT INTO sports_broadcast (content_id, sport_name, team1_id, team2_id,
league_id) VALUES (21, 'football', 1, 2, 'premier league');
INSERT INTO sports_broadcast (content_id, sport_name, team1_id, team2_id,
league_name) VALUES (22, 'football', 3, 4, 'premier league');
INSERT INTO sports_broadcast (content_id, sport_name, team1_id, team2_id,
league_name) VALUES (23, 'football', 5, 6, 'premier league');
INSERT INTO sports_broadcast (content_id, sport_name, team1_id, team2_id,
league_name) VALUES (24, 'football', 7, 8, 'premier league');
INSERT INTO sports_broadcast (content_id, sport_name, team1_id, team2_id,
league_name) VALUES (25, 'basketball', 9, 10, 'NBA');
INSERT INTO sports_broadcast (content_id, sport_name, team1_id, team2_id,
league_name) VALUES (26, 'basketball', 11, 12, 'NBA');
INSERT INTO sports_broadcast (content_id, sport_name, team1_id, team2_id,
league_name) VALUES (27, 'basketball', 13, 14, 'NBA');
INSERT INTO sports_broadcast (content_id, sport_name, team1_id, team2_id,
league_name) VALUES (28, 'basketball', 15, 16, 'NBA');
INSERT INTO sports_broadcast (content_id, sport_name, team1_id, team2_id,
league_name) VALUES (29, 'cricket', 17, 18, 'IPL');
INSERT INTO sports_broadcast (content_id, sport_name, team1_id, team2_id,
league_name) VALUES (30, 'cricket', 19, 20, 'IPL');
```

```
INSERT INTO news_broadcast (content_id, headline_name, presenter) VALUES (31,
'Russia-Ukraine war: US and allies to revoke most favored nation trade',
'Anderson Cooper_CNN');
INSERT INTO news_broadcast (content_id, headline_name, presenter) VALUES (32,
'Supreme Court nominee Ketanji Brown Jackson faces second day of questioning',
'Don Lemon_FOXNEWS');
INSERT INTO news_broadcast (content_id, headline_name, presenter) VALUES (33,
'The Biden administration is failing the American people', 'Tucker
Carlson_CBN');
INSERT INTO news_broadcast (content_id, headline_name, presenter) VALUES (34,
'Supreme Court to rule on abortion rights', 'Sally Nugent_BBC');
INSERT INTO news_broadcast (content_id, headline_name, presenter) VALUES (35,
'The Middle East is in turmoil', 'Farah Ibrahim_Guardian');
INSERT INTO news_broadcast (content_id, headline_name, presenter) VALUES (36,
'Riots in Manipur and the Kerala story', 'Arnab_Goswami');
INSERT INTO news_broadcast (content_id, headline_name, presenter) VALUES (37,
'Karnataka elections live breakdown', 'Shaina Patel_AajTak');
INSERT INTO news_broadcast (content_id, headline_name, presenter) VALUES (38,
'Who will make the top4 race in IPL', 'Aakash Chopra_Criclive');
INSERT INTO news_broadcast (content_id, headline_name, presenter) VALUES (39,
'Will Arsenal win the premier league', 'Gary Neville_Athletic');
INSERT INTO news_broadcast (content_id, headline_name, presenter) VALUES (40,
'The Middle East is in turmoil', 'Farah Ibrahim_Guardian');
```

```
INSERT INTO User_Rating (user_id, content_id, rating)VALUES (1, 1, 7.6);
INSERT INTO User_Rating (user_id, content_id, rating)VALUES (2, 2, 5.1);
INSERT INTO User_Rating (user_id, content_id, rating)VALUES (3, 3, 9.3);
INSERT INTO User_Rating (user_id, content_id, rating)VALUES (4, 4, 6.6);
INSERT INTO User_Rating (user_id, content_id, rating)VALUES (5, 5, 7.8);
INSERT INTO User_Rating (user_id, content_id, rating)VALUES (6, 6, 4.9);
INSERT INTO User_Rating (user_id, content_id, rating)VALUES (7, 7, 8.0);
INSERT INTO User_Rating (user_id, content_id, rating)VALUES (8, 8, 8.3);
INSERT INTO User_Rating (user_id, content_id, rating)VALUES (9, 9, 6.1);
INSERT INTO User_Rating (user_id, content_id, rating)VALUES (10, 10, 4.4);
```

```
INSERT INTO User_Rating (user_id, content_id, rating)VALUES (1, 11, 3.7);
INSERT INTO User_Rating (user_id, content_id, rating)VALUES (2, 12, 2.1);
INSERT INTO User_Rating (user_id, content_id, rating)VALUES (3, 13, 7.9);
INSERT INTO User_Rating (user_id, content_id, rating)VALUES (4, 14, 5.6);
INSERT INTO User_Rating (user_id, content_id, rating)VALUES (5, 15, 5.3);
INSERT INTO User_Rating (user_id, content_id, rating)VALUES (6, 16, 1.8);
INSERT INTO User_Rating (user_id, content_id, rating)VALUES (7, 17, 7.0);
INSERT INTO User_Rating (user_id, content_id, rating)VALUES (8, 18, 6.9);
INSERT INTO User_Rating (user_id, content_id, rating)VALUES (9, 20, 9.7);
INSERT INTO User_Rating (user_id, content_id, rating)VALUES (10, 22, 9.2);
INSERT INTO User_Rating (user_id, content_id, rating)VALUES (1, 24, 7.4);
INSERT INTO User_Rating (user_id, content_id, rating)VALUES (2, 27, 4.6);
INSERT INTO User_Rating (user_id, content_id, rating)VALUES (3, 29, 6.5);
INSERT INTO User_Rating (user_id, content_id, rating)VALUES (4, 30, 5.8);
INSERT INTO User_Rating (user_id, content_id, rating)VALUES (5, 31, 8.9);
INSERT INTO User_Rating (user_id, content_id, rating)VALUES (6, 33, 2.3);
INSERT INTO User_Rating (user_id, content_id, rating)VALUES (7, 36, 9.1);
INSERT INTO User_Rating (user_id, content_id, rating)VALUES (8, 38, 6.2);
INSERT INTO User_Rating (user_id, content_id, rating)VALUES (9, 39, 4.0);
INSERT INTO User_Rating (user_id, content_id, rating)VALUES (10, 40, 5.5);
```

```
INSERT INTO User_Episode_Comment (content_id, comment_id, season_number,
episode_number)VALUES (11, 1, 1, 1);
INSERT INTO User_Episode_Comment (content_id, comment_id, season_number,
episode_number)VALUES (11, 2, 1, 2);
INSERT INTO User_Episode_Comment (content_id, comment_id, season_number,
episode_number)VALUES (11, 3, 1, 3);
INSERT INTO User_Episode_Comment (content_id, comment_id, season_number,
episode_number)VALUES (11, 4, 1, 4);
INSERT INTO User_Episode_Comment (content_id, comment_id, season_number,
episode_number)VALUES (11, 5, 1, 5);
INSERT INTO User_Episode_Comment (content_id, comment_id, season_number,
episode_number)VALUES (12, 6, 2, 1);
INSERT INTO User_Episode_Comment (content_id, comment_id, season_number,
episode_number)VALUES (12, 7, 2, 2);
INSERT INTO User_Episode_Comment (content_id, comment_id, season_number,
episode_number)VALUES (12, 8, 2, 3);
INSERT INTO User_Episode_Comment (content_id, comment_id, season_number,
episode_number)VALUES (12, 9, 2, 4);
INSERT INTO User_Episode_Comment (content_id, comment_id, season_number,
episode_number)VALUES (12, 10, 2, 5);
```

```
INSERT INTO User_Movie_Comment (content_id, comment_id)VALUES (1, 1);
INSERT INTO User_Movie_Comment (content_id, comment_id)VALUES (2, 2);
INSERT INTO User_Movie_Comment (content_id, comment_id)VALUES (3, 3);
INSERT INTO User_Movie_Comment (content_id, comment_id)VALUES (4, 4);
INSERT INTO User_Movie_Comment (content_id, comment_id)VALUES (5, 5);
INSERT INTO User_Movie_Comment (content_id, comment_id)VALUES (6, 6);
INSERT INTO User_Movie_Comment (content_id, comment_id)VALUES (7, 7);
INSERT INTO User_Movie_Comment (content_id, comment_id)VALUES (8, 8);
INSERT INTO User_Movie_Comment (content_id, comment_id)VALUES (9, 9);
INSERT INTO User_Movie_Comment (content_id, comment_id)VALUES (10, 10);
```

```
INSERT INTO User_Comments (user_id, comment_id, comments) VALUES (1, 11, 'goes in the books as one of the finest');
INSERT INTO User_Comments (user_id, comment_id, comments) VALUES (2, 12, 'great beginning, but finished underwhelmingly');
INSERT INTO User_Comments (user_id, comment_id, comments) VALUES (3, 13, 'Fast-paced screenplay');
INSERT INTO User_Comments (user_id, comment_id, comments) VALUES (4, 14, 'This takes us back to our childhoods');
INSERT INTO User_Comments (user_id, comment_id, comments) VALUES (5, 15, 'Get yourself some tissues while watching');
INSERT INTO User_Comments (user_id, comment_id, comments) VALUES (6, 16, ' Your heart will skip a beat watching this');
INSERT INTO User_Comments (user_id, comment_id, comments) VALUES (7, 17, 'Spooky');
INSERT INTO User_Comments (user_id, comment_id, comments) VALUES (8, 18, 'Underwhelming, very boring from get go');
INSERT INTO User_Comments (user_id, comment_id, comments) VALUES (9, 19, 'Show of the year');
INSERT INTO User_Comments (user_id, comment_id, comments) VALUES (10, 20, 'Episode 2 reveals the entire plot, stinker!');
INSERT INTO User_Comments (user_id, comment_id, comments) VALUES (1, 1, 'Great watch!');
INSERT INTO User_Comments (user_id, comment_id, comments) VALUES (2, 2, 'Very slow and boring piece of content');
INSERT INTO User_Comments (user_id, comment_id, comments) VALUES (3, 3, 'Gripping, keeps you at the edge of your seat!');
INSERT INTO User_Comments (user_id, comment_id, comments) VALUES (4, 4, 'Slow-burn!');
```

```
INSERT INTO User_Comments (user_id, comment_id, comments) VALUES (5, 5, 'Film
of the year!');
INSERT INTO User_Comments (user_id, comment_id, comments) VALUES (6, 6, 'Very
engaging script let down by poor screenplay');
INSERT INTO User_Comments (user_id, comment_id, comments) VALUES (7, 7,
'Mediocre at best');
INSERT INTO User_Comments (user_id, comment_id, comments) VALUES (8, 8,
'Overhyped');
INSERT INTO User_Comments (user_id, comment_id, comments) VALUES (9, 9,
'10/10,that's it!');
INSERT INTO User_Comments (user_id, comment_id, comments) VALUES (10, 10,
'Worth the money!');
```

```
INSERT INTO User_Movie_Comment (content_id, comment_id)VALUES
(1, 1);
INSERT INTO User_Movie_Comment (content_id, comment_id)VALUES
(2, 2);
INSERT INTO User_Movie_Comment (content_id, comment_id)VALUES
(3, 3);
INSERT INTO User_Movie_Comment (content_id, comment_id)VALUES
(4, 4);
INSERT INTO User_Movie_Comment (content_id, comment_id)VALUES
(5, 5);
INSERT INTO User_Movie_Comment (content_id, comment_id)VALUES
(6, 6);
INSERT INTO User_Movie_Comment (content_id, comment_id)VALUES
(7, 7);
INSERT INTO User_Movie_Comment (content_id, comment_id)VALUES
(8, 8);
INSERT INTO User_Movie_Comment (content_id, comment_id)VALUES
(9, 9);
INSERT INTO User_Movie_Comment (content_id, comment_id)VALUES
(10, 10);
```

```
INSERT INTO User_Comments (user_id, comment_id, comments) VALUES
(1, 11, 'goes in the books as one of the finest');
INSERT INTO User_Comments (user_id, comment_id, comments) VALUES
(2, 12, 'great beginning, but finished underwhelmingly');
```

```
INSERT INTO User_Comments (user_id, comment_id, comments) VALUES
(3, 13, 'Fast-paced screenplay');
INSERT INTO User_Comments (user_id, comment_id, comments) VALUES
(4, 14, 'This takes us back to our childhoods');
INSERT INTO User_Comments (user_id, comment_id, comments) VALUES
(5, 15, 'Get yourself some tissues while watching');
INSERT INTO User_Comments (user_id, comment_id, comments) VALUES
(6, 16, ' Your heart will skip a beat watching this');
INSERT INTO User_Comments (user_id, comment_id, comments) VALUES
(7, 17, 'Spooky');
INSERT INTO User_Comments (user_id, comment_id, comments) VALUES
(8, 18, 'Underwhelming, very boring from get go');
INSERT INTO User_Comments (user_id, comment_id, comments) VALUES
(9, 19, 'Show of the year');
INSERT INTO User_Comments (user_id, comment_id, comments) VALUES
(10, 20, 'Episode 2 reveals the entire plot, stinker!');
INSERT INTO User_Comments (user_id, comment_id, comments) VALUES
(1, 1, 'Great watch!');
INSERT INTO User_Comments (user_id, comment_id, comments) VALUES
(2, 2, 'Very slow and boring piece of content');
INSERT INTO User_Comments (user_id, comment_id, comments) VALUES
(3, 3, 'Gripping, keeps you at the edge of your seat!');
INSERT INTO User_Comments (user_id, comment_id, comments) VALUES
(4, 4, 'Slow-burn!');
INSERT INTO User_Comments (user_id, comment_id, comments) VALUES
(5, 5, 'Film of the year!');
INSERT INTO User_Comments (user_id, comment_id, comments) VALUES
(6, 6, 'Very engaging script let down by poor screenplay');
INSERT INTO User_Comments (user_id, comment_id, comments) VALUES
(7, 7, 'Mediocre at best');
INSERT INTO User_Comments (user_id, comment_id, comments) VALUES
(8, 8, 'Overhyped');
INSERT INTO User_Comments (user_id, comment_id, comments) VALUES
(9, 9, '10/10,that’s it!');
INSERT INTO User_Comments (user_id, comment_id, comments) VALUES
(10, 10, 'Worth the money!');




INSERT INTO comments_liked_by (liked_by_id, commented_by_id, comment_id)
VALUES
(1, 2, 1);
INSERT INTO comments_liked_by (liked_by_id, commented_by_id, comment_id)
VALUES
```

```
(2, 1, 2);
INSERT INTO comments_liked_by (liked_by_id, commented_by_id, comment_id)
VALUES
(3, 1, 3);
INSERT INTO comments_liked_by (liked_by_id, commented_by_id, comment_id)
VALUES
(4, 2, 4);
INSERT INTO comments_liked_by (liked_by_id, commented_by_id, comment_id)
VALUES
(5, 1, 5);
INSERT INTO comments_liked_by (liked_by_id, commented_by_id, comment_id)
VALUES
(6, 3, 6);
INSERT INTO comments_liked_by (liked_by_id, commented_by_id, comment_id)
VALUES
(7, 4, 7);
INSERT INTO comments_liked_by (liked_by_id, commented_by_id, comment_id)
VALUES
(8, 5, 8);
INSERT INTO comments_liked_by (liked_by_id, commented_by_id, comment_id)
VALUES
(9, 6, 9);
INSERT INTO comments_liked_by (liked_by_id, commented_by_id, comment_id)
VALUES
(10, 7, 10);




INSERT INTO teams (team_id, sport_name, team_name, city)
VALUES (1, 'football', 'Arsenal', 'London');
INSERT INTO teams (team_id, sport_name, team_name, city)
VALUES (2, 'football', 'LeedsUtd', 'Leeds');
INSERT INTO teams (team_id, sport_name, team_name, city)
VALUES (3, 'football', 'Liverpool', 'Liverpool');
INSERT INTO teams (team_id, sport_name, team_name, city)
VALUES (4, 'football', 'TottenhamHotspur', 'London');
INSERT INTO teams (team_id, sport_name, team_name, city)
VALUES (5, 'football', 'ManchesterCity', 'Manchester');
INSERT INTO teams (team_id, sport_name, team_name, city)
VALUES (6, 'football', 'RealMadrid', 'Madrid');
INSERT INTO teams (team_id, sport_name, team_name, city)
VALUES (7, 'football', 'Villareal', 'Villareal');
INSERT INTO teams (team_id, sport_name, team_name, city)
VALUES (8, 'football', 'ManchesterUtd', 'Manchester');
INSERT INTO teams (team_id, sport_name, team_name, city)
```

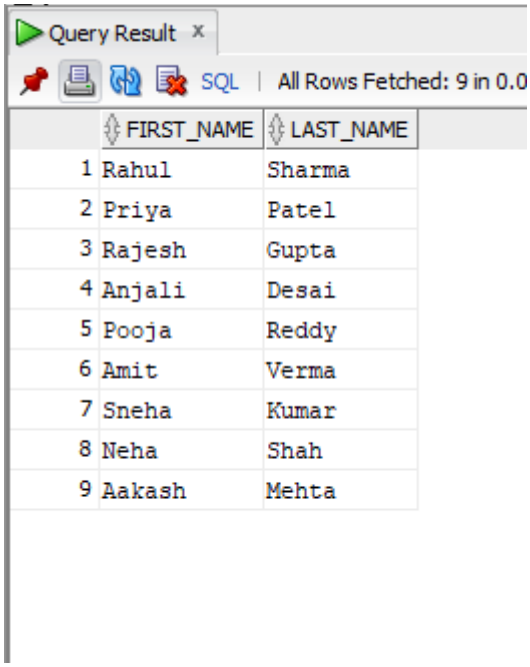
```
VALUES (9, 'basketball', 'Boston Celtics', 'Boston');
INSERT INTO teams (team_id, sport_name, team_name, city)
VALUES (10, 'basketball', 'Milwaukee bucks', 'Milwaukee');
INSERT INTO teams (team_id, sport_name, team_name, city)
VALUES (11, 'basketball', 'Memphis grizzlies', 'Memphis');
INSERT INTO teams (team_id, sport_name, team_name, city)
VALUES (12, 'basketball', 'GoldenStateWarriors', 'San Francisco');
INSERT INTO teams (team_id, sport_name, team_name, city)
VALUES (13, 'basketball', 'Phoenix Suns', 'Phoenix');
INSERT INTO teams (team_id, sport_name, team_name, city)
VALUES (14, 'basketball', 'Las Vegas Aces', 'Las vegas');
INSERT INTO teams (team_id, sport_name, team_name, city)
VALUES (15, 'basketball', 'Chicago Bulls', 'Chiacgo');
INSERT INTO teams (team_id, sport_name, team_name, city)
VALUES (16, 'basketball', 'New York Knicks', 'New York city');
INSERT INTO teams (team_id, sport_name, team_name, city)
VALUES (17, 'cricket', 'Sunrisers Hyderabad', 'Hyderabad');
INSERT INTO teams (team_id, sport_name, team_name, city)
VALUES (18, 'cricket', 'Royal challengers', 'Bengaluru');
INSERT INTO teams (team_id, sport_name, team_name, city)
VALUES (19, 'cricket', 'Mumbai Indians', 'Mumbai');
INSERT INTO teams (team_id, sport_name, team_name, city)
VALUES (20, 'cricket', 'Chennai Super Kings', 'Chennai');
select * from teams;









INSERT INTO production_company_phone (company_name, phone) VALUES
('Warner Bros.', 8185570900);
INSERT INTO production_company_phone (company_name, phone) VALUES
('HBO', 2125121000);
INSERT INTO production_company_phone (company_name, phone) VALUES
('Netflix', 4156284300);
INSERT INTO production_company_phone (company_name, phone) VALUES
('Netflix', 4156284200);
INSERT INTO production_company_phone (company_name, phone) VALUES
('Universal Television', 8187777000);
INSERT INTO production_company_phone (company_name, phone) VALUES
('Paramount Network', 8185570900);
INSERT INTO production_company_phone (company_name, phone) VALUES
('Fortiche Productions', 3302401010);


INSERT INTO production_company (company_name, web_link, year_founded) VALUES
```

```
('Warner Bros.', 'https://www.warnerbros.com/tv', 1955);
INSERT INTO production_company (company_name, web_link, year_founded) VALUES
('HBO', 'https://www.hbo.com/', 1972);
INSERT INTO production_company (company_name, web_link, year_founded) VALUES
('Netflix', 'https://www.netflix.com/', 1997);
INSERT INTO production_company (company_name, web_link, year_founded) VALUES
('Universal Television', 'https://www.nbc.com/universal-television/', 1964);
INSERT INTO production_company (company_name, web_link, year_founded) VALUES
('Paramount Network', 'https://www.paramountnetwork.com/', 1952);
INSERT INTO production_company (company_name, web_link, year_founded) VALUES
('Fortiche Productions', 'https://www.fortiche.com/', 2009);









INSERT INTO produced_by (content_ID, company_name) VALUES
(11, 'Warner Bros.');
INSERT INTO produced_by (content_ID, company_name) VALUES
(12, 'HBO');
INSERT INTO produced_by (content_ID, company_name) VALUES
(13, 'Netflix');
INSERT INTO produced_by (content_ID, company_name) VALUES
(14, 'Netflix');
INSERT INTO produced_by (content_ID, company_name) VALUES
(15, 'Universal Television');
INSERT INTO produced_by (content_ID, company_name) VALUES
(16, 'Netflix');
INSERT INTO produced_by (content_ID, company_name) VALUES
(17, 'Paramount Network');
INSERT INTO produced_by (content_ID, company_name) VALUES
(18, 'Netflix');
INSERT INTO produced_by (content_ID, company_name) VALUES
(19, 'Fortiche Productions');
INSERT INTO produced_by (content_ID, company_name) VALUES
(20, 'Netflix');
INSERT INTO produced_by (content_ID, company_name) VALUES
(1, 'Warner Bros.');
INSERT INTO produced_by (content_ID, company_name) VALUES
(2, 'HBO');
INSERT INTO produced_by (content_ID, company_name) VALUES
(3, 'Netflix');
INSERT INTO produced_by (content_ID, company_name) VALUES
```

```
(4, 'Netflix');
INSERT INTO produced_by (content_ID, company_name) VALUES
(5, 'Universal Television');
INSERT INTO produced_by (content_ID, company_name) VALUES
(6, 'Netflix');
INSERT INTO produced_by (content_ID, company_name) VALUES
(7, 'Paramount Network');
INSERT INTO produced_by (content_ID, company_name) VALUES
(8, 'Netflix');
INSERT INTO produced_by (content_ID, company_name) VALUES
(9, 'Fortiche Productions');
INSERT INTO produced_by (content_ID, company_name) VALUES
(10, 'Netflix');
```

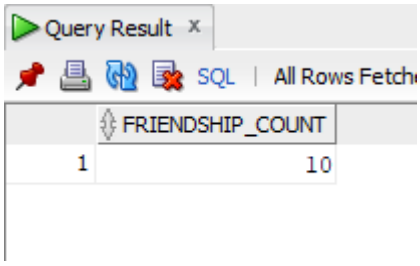
SAMPLE Queries

```sql
--1
--Retrieve the names of all users who have subscribed to the "Premium"
subscription.
SELECT DISTINCT u.First_Name,  u.Last_Name
FROM users u
INNER JOIN Subscription s ON u.user_ID = s.user_ID
WHERE s.type = 'Premium';
```



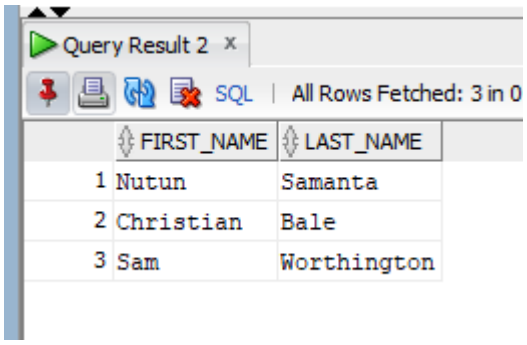
	FIRST_NAME	LAST_NAME
1	Rahul	Sharma
2	Priya	Patel
3	Rajesh	Gupta
4	Anjali	Desai
5	Pooja	Reddy
6	Amit	Verma
7	Sneha	Kumar
8	Neha	Shah
9	Aakash	Mehta

```sql
--2
--Retrieve the total number of friendships established between users.
SELECT COUNT(*) AS friendship_count
FROM user_friendships;
```



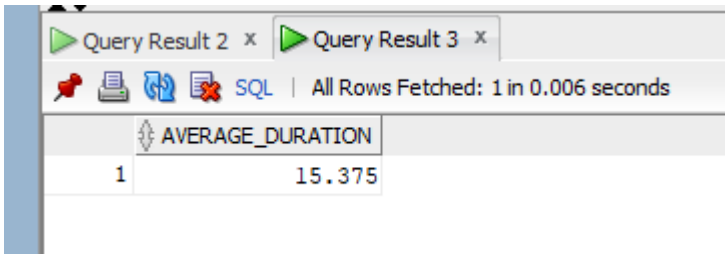
	FRIENDSHIP_COUNT
1	10

```sql
--3
--Retrieve the names of all actors who have appeared in a movie directed by a
director with the last name "Nolan" or "Cameron" or "Roy"
SELECT a.first_name, a.last_name
FROM actors a
INNER JOIN cast c ON a.actor_id = c.actor_id
INNER JOIN Movie m ON c.content_ID = m.content_ID
INNER JOIN director d ON m.Director_id = d.Director_id
WHERE d.last_name = 'Nolan' or d.last_name = 'Cameron' or d.last_name = 'Roy';
```



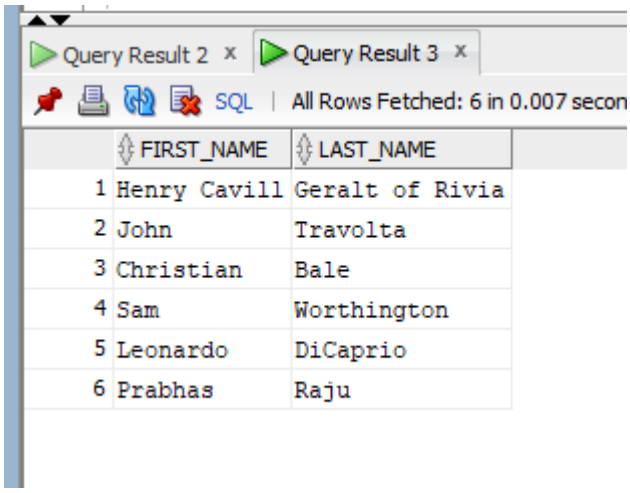
	FIRST_NAME	LAST_NAME
1	Nutun	Samanta
2	Christian	Bale
3	Sam	Worthington

```sql
--4
--Retrieve the average duration of movies released after the year 2000.
SELECT AVG(duration) AS average_duration
FROM Movie
WHERE EXTRACT(YEAR FROM release_date) > 2000;
```



	AVERAGE_DURATION
1	15.375

```sql
--5
--Retrieve the names of all actors who have appeared in a movie and have a
height greater than 180.
SELECT a.first_name, a.last_name
FROM actors a
INNER JOIN cast c ON a.actor_id = c.actor_id
INNER JOIN Movie m ON c.content_ID = m.content_ID
WHERE a.height > 180;
```



Query Result 2 | Query Result 3

SQL | All Rows Fetched: 6 in 0.007 secon

	FIRST_NAME	LAST_NAME
1	Henry Cavill	Geralt of Rivia
2	John	Travolta
3	Christian	Bale
4	Sam	Worthington
5	Leonardo	DiCaprio
6	Prabhas	Raju

```sql
--6
--Retrieve the top movies with the highest box office collection.
SELECT m.content_ID, m.box_office_collection, c.name
FROM Movie m
join entertainment e
on e.content_id=m.content_id
join content c
on c.content_id=e.content_id
ORDER BY m.box_office_collection DESC;
```

Query Result 2 | Query Result 3

SQL | All Rows Fetched: 10 in 0.007 seconds

	CONTENT_ID	BOX_OFFICE_COLLECTION	NAME
1	9	353600000	The Great Gatsby
2	4	213400000	Pulp Fiction
3	8	30413450	Baahubali Beginning
4	6	27900000	Avatar
5	7	2676384	Bombay
6	1	1200000	Pather Panchali
7	10	1100000	Charulata
8	5	1000000	The Dark Knight
9	2	121654	Swayamwaram
10	3	85158	Sujata

```sql
--7
--Retrieve the content ID and name of all content that has won an award.
SELECT c.content_ID, c.name
FROM Content c
INNER JOIN Has_Won hw ON c.content_ID = hw.content_id;
```

Query Result 2 | Query Result 3

SQL | All Rows Fetched: 4 in 0.005 seconds

	CONTENT_ID	NAME
1	5	The Dark Knight
2	8	Baahubali Beginning
3	6	Avatar
4	7	Bombay