

## CREATE QUERIES:

```
CREATE TABLE Movie (  
    movie_id INT PRIMARY KEY,  
    title VARCHAR(255) NOT NULL,  
    genre VARCHAR(100),  
    budget DECIMAL(12,2),  
    release_date DATE,  
    duration INT,  
    rating DECIMAL(3,1),  
    studio_id INT,  
    director_id INT,  
    FOREIGN KEY (studio_id) REFERENCES Studio(studio_id),  
    FOREIGN KEY (director_id) REFERENCES Director(director_id)  
);
```

```
CREATE TABLE Director (  
    director_id INT PRIMARY KEY,  
    name VARCHAR(255) NOT NULL,  
    experience INT,  
    contact VARCHAR(15),  
    awards_won VARCHAR(500)  
);
```

```
CREATE TABLE Actor (  
    actor_id INT PRIMARY KEY,  
    name VARCHAR(255) NOT NULL,  
    age INT,  
    gender VARCHAR(10),  
    experience INT,  
    nationality VARCHAR(50)  
);
```

```
CREATE TABLE Contract (  
    contract_id INT PRIMARY KEY,  
    actor_id INT,  
    movie_id INT,  
    role VARCHAR(100),  
    salary DECIMAL(12,2),  
    contract_term VARCHAR(255),
```

```
FOREIGN KEY (actor_id) REFERENCES Actor(actor_id),  
FOREIGN KEY (movie_id) REFERENCES Movie(movie_id)  
);
```

```
CREATE TABLE Studio (  
    studio_id INT PRIMARY KEY,  
    name VARCHAR(255) NOT NULL,  
    country VARCHAR(100),  
    contact VARCHAR(15),  
    partnership_type VARCHAR(100)  
);
```

```
CREATE TABLE Distributor (  
    distributor_id INT PRIMARY KEY,  
    name VARCHAR(255) NOT NULL,  
    country VARCHAR(100),  
    contact VARCHAR(15),  
    partnership_type VARCHAR(100)  
);
```

```
CREATE TABLE Marketing_Campaign (  
    campaign_id INT PRIMARY KEY,  
    movie_id INT,  
    budget DECIMAL(12,2),  
    strategy VARCHAR(500),  
    social_media_presence VARCHAR(500),  
    FOREIGN KEY (movie_id) REFERENCES Movie(movie_id)  
);
```

```
CREATE TABLE Box_Office_Collection (  
    collection_id INT PRIMARY KEY,  
    movie_id INT,  
    revenue DECIMAL(12,2),  
    ticket_sales INT,  
    opening_weekend_earnings DECIMAL(12,2),  
    FOREIGN KEY (movie_id) REFERENCES Movie(movie_id)  
);
```

```
CREATE TABLE Streaming_Platform (  
    platform_id INT PRIMARY KEY,
```

```
name VARCHAR(255) NOT NULL,  
subscription_model VARCHAR(100),  
country_availability VARCHAR(500)  
);
```

```
CREATE TABLE Theatre (  
theatre_id INT PRIMARY KEY,  
name VARCHAR(255) NOT NULL,  
location VARCHAR(255),  
capacity INT,  
no_of_screens INT  
);
```

### **INSERT QUERIES:**

```
INSERT INTO Movie (movie_id, title, genre, budget, release_date, duration, rating,  
studio_id, director_id) VALUES  
(101, 'Inception', 'Sci-Fi', 160000000.00, '2010-07-16', 148, 8.8, 501, 201),  
(102, '3 Idiots', 'Comedy-Drama', 55000000.00, '2009-12-25', 170, 8.4, 502, 202),  
(103, 'Interstellar', 'Sci-Fi', 165000000.00, '2014-11-07', 169, 8.6, 503, 203),  
(104, 'Baahubali', 'Action-Drama', 18000000.00, '2015-07-10', 159, 8.1, 504, 204);
```

```
INSERT INTO Director (director_id, name, experience, contact, awards_won) VALUES  
(201, 'Christopher Nolan', 25, '9876543210', 'Oscar Winner'),  
(202, 'Rajkumar Hirani', 20, '9988776655', 'Filmfare Winner'),  
(203, 'James Cameron', 35, '8877665544', 'Golden Globe Winner'),  
(204, 'S.S. Rajamouli', 22, '7766554433', 'National Award Winner');
```

```
INSERT INTO Actor (actor_id, name, age, gender, experience, nationality) VALUES  
(301, 'Leonardo DiCaprio', 48, 'Male', 30, 'American'),  
(302, 'Aamir Khan', 58, 'Male', 35, 'Indian'),  
(303, 'Matthew McConaughey', 54, 'Male', 30, 'American'),  
(304, 'Prabhas', 44, 'Male', 20, 'Indian');
```

```
INSERT INTO Contract (contract_id, actor_id, movie_id, role, salary, contract_term)  
VALUES  
(401, 301, 101, 'Lead Actor', 20000000.00, '2 Years'),  
(402, 302, 102, 'Lead Actor', 15000000.00, '3 Years'),  
(403, 303, 103, 'Lead Actor', 18000000.00, '2 Years'),
```

(404, 304, 104, 'Lead Actor', 10000000.00, '1 Year');

INSERT INTO Studio (studio\_id, name, country, contact, partnership\_type) VALUES  
(501, 'Warner Bros', 'USA', '1234567890', 'Major'),  
(502, 'Vinod Chopra Films', 'India', '9988771122', 'Independent'),  
(503, 'Paramount Pictures', 'USA', '8877662211', 'Major'),  
(504, 'Arka Media Works', 'India', '7766551133', 'Independent');

INSERT INTO Distributor (distributor\_id, name, country, contact, partnership\_type)  
VALUES  
(601, 'Warner Bros Distribution', 'USA', '1122334455', 'Global'),  
(602, 'Reliance Entertainment', 'India', '2233445566', 'Domestic'),  
(603, '20th Century Fox', 'USA', '3344556677', 'Global'),  
(604, 'Yash Raj Films', 'India', '4455667788', 'Domestic');

INSERT INTO Marketing\_Campaign (campaign\_id, movie\_id, budget, strategy,  
social\_media\_presence) VALUES  
(701, 101, 5000000.00, 'Online and Theatrical', 'Extensive'),  
(702, 102, 3000000.00, 'TV and Social Media', 'Moderate'),  
(703, 103, 6000000.00, 'Global Campaign', 'Extensive'),  
(704, 104, 2000000.00, 'Regional Ads', 'Limited');

INSERT INTO Box\_Office\_Collection (collection\_id, movie\_id, revenue, ticket\_sales,  
opening\_weekend\_earnings) VALUES  
(801, 101, 830000000.00, 100000000, 62000000.00),  
(802, 102, 390000000.00, 80000000, 55000000.00),  
(803, 103, 677000000.00, 120000000, 75000000.00),  
(804, 104, 280000000.00, 90000000, 47000000.00);

INSERT INTO Streaming\_Platform (platform\_id, name, subscription\_model,  
country\_availability) VALUES  
(901, 'Netflix', 'Subscription', 'Worldwide'),  
(902, 'Amazon Prime', 'Subscription', 'Worldwide'),  
(903, 'Hotstar', 'Subscription', 'India'),  
(904, 'Hulu', 'Subscription', 'USA');

INSERT INTO Theatre (theatre\_id, name, location, capacity, no\_of\_screens) VALUES  
(1001, 'PVR Cinemas', 'Mumbai', 500, 7),  
(1002, 'IMAX', 'New York', 700, 10),  
(1003, 'INOX', 'Delhi', 450, 5),

(1004, 'Cinepolis', 'Los Angeles', 600, 8);

### **UPDATE QUERIES:**

```
UPDATE Movie
SET budget = 170000000.00
WHERE movie_id = 101;
```

```
UPDATE Director
SET experience = 26
WHERE director_id = 201;
```

```
UPDATE Actor
SET nationality = 'British'
WHERE actor_id = 303;
```

```
UPDATE Contract
SET salary = 22000000.00
WHERE contract_id = 401;
```

```
UPDATE Distributor
SET partnership_type = 'International'
WHERE distributor_id = 602;
```

```
UPDATE Theatre
SET capacity = 750
WHERE theatre_id = 1002;
```

### **DELETE QUERIES:**

```
DELETE FROM Marketing_Campaign
WHERE campaign_id = 704;
```

```
DELETE FROM Box_Office_Collection
WHERE collection_id = 804;
```

```
DELETE FROM Streaming_Platform
WHERE platform_id = 904;
```

```
DELETE FROM Theatre  
WHERE theatre_id = 1004;
```

### **DATA RETRIEVAL QUERIES:**

#### **1. Retrieve all movies with a rating greater than 8.5:**

```
SELECT title, genre, rating  
FROM Movie  
WHERE rating > 8.5;
```

#### **2.Retrieve directors who have more than 25 years of experience:**

```
SELECT name, experience, awards_won  
FROM Director  
WHERE experience > 25;
```

#### **3.Retrieve actors whose salary is greater than 15,000,000:**

```
SELECT name, salary  
FROM Actor  
JOIN Contract ON Actor.actor_id = Contract.actor_id  
WHERE salary > 15000000;
```

#### **4.Retrieve movie titles and the names of the studios that produced them:**

```
SELECT Movie.title, Studio.name AS studio_name  
FROM Movie  
JOIN Studio ON Movie.studio_id = Studio.studio_id;
```

#### **5.Retrieve all distributors with a global partnership type:**

```
SELECT name, partnership_type  
FROM Distributor  
WHERE partnership_type = 'Global';
```

#### **6.Retrieve all theatres with a seating capacity greater than 500:**

```
SELECT name, location, capacity  
FROM Theatre  
WHERE capacity > 500;
```

**7.Retrieve movies along with their box office revenue, sorted from highest to lowest revenue:**

```
SELECT title, revenue  
FROM Movie  
JOIN Box_Office_Collection  
ON Movie.movie_id = Box_Office_Collection.movie_id  
ORDER BY revenue DESC;
```