## List of all tables, their attributes, and few example rows:

MOVIE								
movieId	int							
Name	varchar							

movieId	+   name
÷	+
1	Inception
	The Matrix
3	Interstellar
+	+

THEA	THEATRE							
theatreId	int							
name	varchar							
location	varchar							

theaterId	name	location
1	PVR Cinemas	Downtown
2	INOX	City Mall
3	Carnival Cinemas	Suburb

SHOWS						
showId	int					
showDate	date					
ShowTime	timestamp					
Quality	varchar					
language	varchar					
sound	varchar					
movieId	int					
TheaterId	int					

showID	I	showDate		showTime		I	quality		language	sound	1	movieId	theaterId
1	+	2025-06-01	+	2025-06-01	18:30:00	+	HD	+ · 	English	Dolby	-+· 	 1 l	1
2	i	2025-06-01	i	2025-06-01		i	4K	i	English	Dolby		2	1
3	i	2025-06-05	i	2025-06-05	15:00:00	i	HD	i	Hindi	DTS	i	1	1
4	i	2025-06-03	i	2025-06-03	17:45:00	i	4K	i	English	Dolby	i	3	3
5	İ	2025-06-05	ĺ	2025-06-05	14:00:00	İ	HD	ĺ	English	Dolby	İ	1	1
6	Ì	2025-06-05	ĺ	2025-06-05	18:00:00	ĺ	HD	ĺ	English	Dolby	İ	2	1
7	ĺ	2025-06-06	Ĺ	2025-06-06	12:00:00	İ	4K	ĺ	English	Dolby	İ	1	1
8	Ì	2025-06-06	ĺ	2025-06-06	20:00:00	ĺ	4K	ĺ	English	Dolby	İ	1	1
9		2025-06-07		2025-06-07	15:30:00	I	HD	ı	English	Dolby	1	1	1
10	Ì	2025-06-05	ĺ	2025-06-05	10:00:00	ĺ	HD	ĺ	English	Dolby	İ	1	1
11	ĺ	2025-06-05	Ĺ	2025-06-05	13:00:00	ĺ	HD	ĺ	English	Dolby	Ĺ	2	1
12	ĺ	2025-06-05	ĺ	2025-06-05	15:30:00	İ	4K	ĺ	English	Dolby	İ	1	1
13	Ī	2025-06-06	ĺ	2025-06-06	21:00:00	ĺ	4K	ĺ	English	Dolby	İ	1	1
14	Ĺ	2025-06-07	Ĺ	2025-06-07	16:45:00	İ	HD	Ĺ	English	Dolby	Ĺ	1	1

## **SQL Queries:**

```
CREATE TABLE MOVIE (
 movieId int PRIMARY KEY,
 name varchar(128)
CREATE TABLE THEATRE (
  theaterId int PRIMARY KEY,
 name varchar(128),
  location varchar(128)
);
CREATE TABLE SHOWS (
  showID int PRIMARY KEY,
  showDate Date,
  showTime timestamp,
  quality varchar(128),
  language varchar(128),
  sound varchar(128),
  movieId int,
  theaterId int,
  foreign key (movieId) references MOVIE (movieId),
  foreign key (theaterId) references THEATRE (theaterId)
);
INSERT INTO MOVIE (movieId, name) VALUES
(1, 'Inception'),
(2, 'The Matrix'),
(3, 'Interstellar');
INSERT INTO THEATRE (theaterId, name, location) VALUES
(1, 'PVR Cinemas', 'Downtown'),
(2, 'INOX', 'City Mall'),
(3, 'Carnival Cinemas', 'Suburb');
-- Insert sample shows
INSERT INTO SHOWS (showID, showDate, showTime, quality, language, sound, movieId,
theaterId) VALUES
(1, '2025-06-01', '2025-06-01 18:30:00', 'HD', 'English', 'Dolby', 1, 1),
(2, '2025-06-01', '2025-06-01 21:00:00', '4K', 'English', 'Dolby', 2, 1),
(3, '2025-06-05', '2025-06-05 15:00:00', 'HD', 'Hindi', 'DTS', 1, 1),
(4, '2025-06-03', '2025-06-03 17:45:00', '4K', 'English', 'Dolby', 3, 3),
(5, '2025-06-05', '2025-06-05 14:00:00', 'HD', 'English', 'Dolby', 1, 1),
(6, '2025-06-05', '2025-06-05 18:00:00', 'HD', 'English', 'Dolby', 2, 1),
(7, '2025-06-06', '2025-06-06 12:00:00', '4K', 'English', 'Dolby', 1, 1),
(8, '2025-06-06', '2025-06-06 20:00:00', '4K', 'English', 'Dolby', 1, 1),
(9, '2025-06-07', '2025-06-07 15:30:00', 'HD', 'English', 'Dolby', 1, 1), (10, '2025-06-05', '2025-06-05 10:00:00', 'HD', 'English', 'Dolby', 1, 1), (11, '2025-06-05', '2025-06-05 13:00:00', 'HD', 'English', 'Dolby', 2, 1),
(12, '2025-06-05', '2025-06-05 15:30:00', '4K', 'English', 'Dolby', 1, 1),
(13, '2025-06-06', '2025-06-06 21:00:00', '4K', 'English', 'Dolby', 1, 1),
(14, '2025-06-07', '2025-06-07 16:45:00', 'HD', 'English', 'Dolby', 1, 1);
SELECT * FROM MOVIE;
SELECT * FROM THEATRE;
SELECT * FROM SHOWS;
```

```
s.showDate,
s.showTime,
s.quality,
s.quality,
s.language,
s.sound,
m.name AS movieName,
t.name AS theaterName
FROM SHOWS s
INNER JOIN MOVIE m ON s.movieId = m.movieId
INNER JOIN THEATRE t ON s.theaterId = t.theaterId WHERE t.name = 'PVR CINEMAS' and
s.showDate = '2025-06-05'
ORDER BY m.name;
```

SELECT