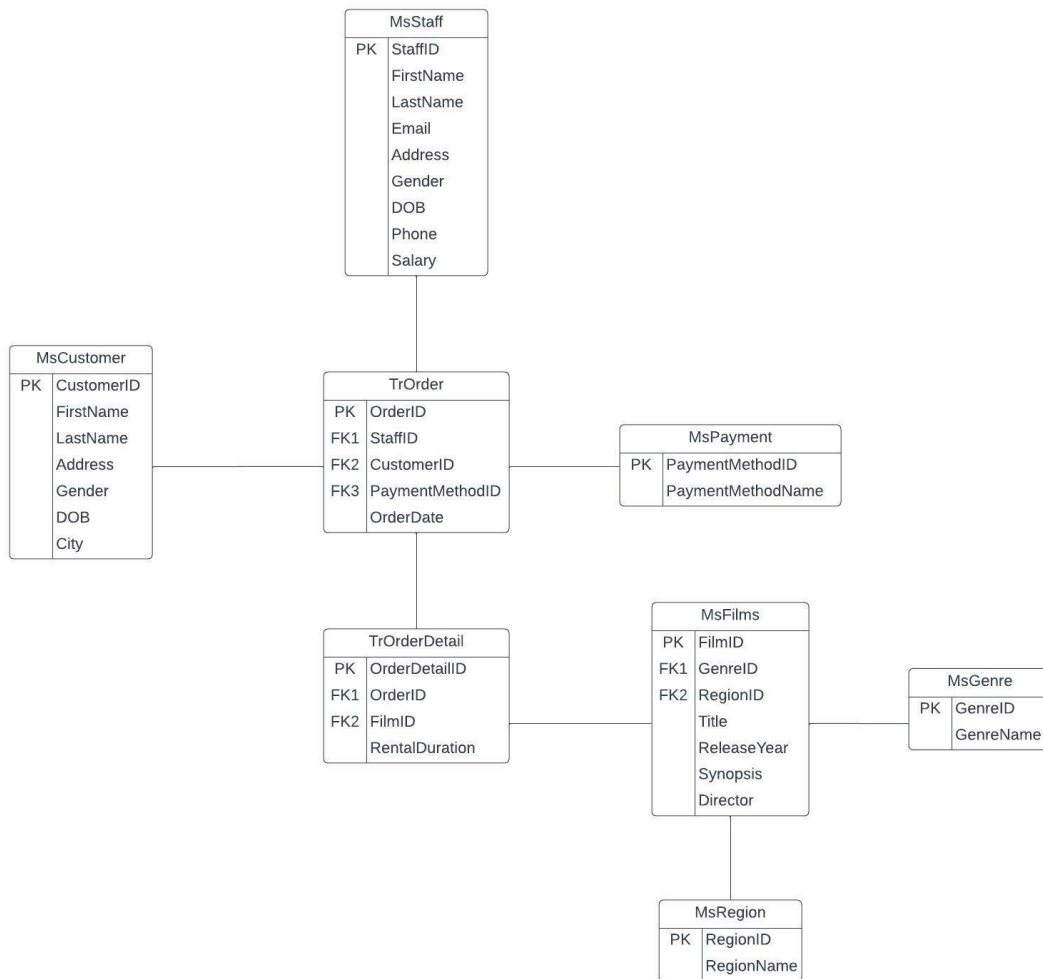


# Netflox



Note: RentalDuration dalam hitungan minggu (2 = 2 minggu, dst.)

1. Tampilkan Name yang merupakan gabungan First Name dan Last Name, CustAddress dengan format "Address, City" diurutkan dari customer dengan umur tertua (CONCAT, ORDER BY)

|   | Name              | CustAddress              |
|---|-------------------|--------------------------|
| 1 | Ariana Bennet     | San Fransisco,California |
| 2 | Amalia Melani     | Banjaran,Bandung         |
| 3 | Adam Hill         | Las Vegas,Nevada         |
| 4 | Septi Kusmawati   | Malioboro,Yogyakarta     |
| 5 | Edward Mabena     | Sandton,Johannesburg     |
| 6 | Wawan Hardiansyah | Kebon Jeruk,Jakarta      |
| 7 | Evelyn Mitchell   | Ontario,Canada           |

- Tampilkan Staff yang merupakan gabungan dari tiga digit terakhir StaffID dan LastName dengan format "ID - Last Name", Email, Gender dari staff yang Salarynya lebih dari 1,6 juta (RIGHT, CONCAT)

|   | Staff          | Email                     | Gender |
|---|----------------|---------------------------|--------|
| 1 | 002 - Nuraini  | faizah.nuraini@gmail.com  | F      |
| 2 | 003 - Haryanti | aisyah.haryanti@gmail.com | F      |
| 3 | 004 - Hutapea  | makara.hutapea@gmail.com  | M      |

- Create View 'vw\_Q3OrderList' yang menampilkan Order ID, Customer Name, Order Date, Rental Duration dimana customer melakukan rental dari Juli hingga September 2021 dengan format Order Date dd-mm-yyyy (CREATE VIEW, CONVERT, DATEPART, BETWEEN, YEAR)

|   | Customer Name     | Order Date | RentalDuration |
|---|-------------------|------------|----------------|
| 1 | Ariana Bennet     | 27-07-2021 | 2              |
| 2 | Wawan Hardiansyah | 06-08-2021 | 4              |
| 3 | Wawan Hardiansyah | 06-08-2021 | 2              |
| 4 | Adam Hill         | 10-08-2021 | 1              |
| 5 | Wawan Hardiansyah | 20-09-2021 | 3              |
| 6 | Wawan Hardiansyah | 20-09-2021 | 1              |
| 7 | Wawan Hardiansyah | 20-09-2021 | 2              |

- Tampilkan Title Film yang terdiri dari 2 kata atau lebih, kemudian ganti kata kedua dan seterusnya dengan Genre dan tampilkan kolom Film Details yang berisi (Tahun Rilis : Director) untuk film yang dirilis di Region Europe (REPLACE, SUBSTRING, CHARINDEX, LEN, JOIN, CONVERT, YEAR, LIKE)

|   | Title        | Film Details                   |
|---|--------------|--------------------------------|
| 1 | The Comedy   | 2022 : Disney                  |
| 2 | Money Action | 2017 : Alex Pina               |
| 3 | The Action   | 2019 : Lauren Schmidt Hissrich |

- Tampilkan Customer Name dengan di depan kata Mr untuk gender M dan Ms untuk gender perempuan, Order Date dengan format dd-mm-yyyy, dan judul film yang dirental untuk transaksi yang menggunakan metode pembayaran E-Wallet (CASE WHEN, CONVERT, JOIN)

|    | Customer Name         | Order Date | Title                         |
|----|-----------------------|------------|-------------------------------|
| 1  | Mr. Wawan Hardiansyah | 06-08-2021 | The Boy Who Hamessed The Wind |
| 2  | Mr. Wawan Hardiansyah | 06-08-2021 | All of Us are Dead            |
| 3  | Ms. Ariana Bennet     | 25-04-2022 | Stranger Things               |
| 4  | Ms. Ariana Bennet     | 25-04-2022 | The Witcher                   |
| 5  | Ms. Amalia Melani     | 10-03-2021 | The Witcher                   |
| 6  | Ms. Amalia Melani     | 10-03-2021 | The Burial of Kojima          |
| 7  | Ms. Amalia Melani     | 10-03-2021 | Squid Game                    |
| 8  | Ms. Evelyn Mitchell   | 18-02-2021 | Squid Game                    |
| 9  | Ms. Evelyn Mitchell   | 18-02-2021 | The Sea Beast                 |
| 10 | Ms. Evelyn Mitchell   | 18-02-2021 | Spider-Man: No Way Home       |
| 11 | Mr. Wawan Hardiansyah | 20-09-2021 | Bridgerton                    |
| 12 | Mr. Wawan Hardiansyah | 20-09-2021 | All of Us are Dead            |
| 13 | Mr. Wawan Hardiansyah | 20-09-2021 | Squid Game                    |

6. Tampilkan kelompok Gender dari Staff, kemudian hitung jumlah salary dari masing-masing kelompok Gender (CASE WHEN, CAST, SUM, GROUP BY)

|   | Gender       | Total Salary  |
|---|--------------|---------------|
| 1 | Female Staff | Rp. 3800000,- |
| 2 | Male Staff   | Rp. 3500000,- |

7. Tampilkan Title Film di awali dengan 2 huruf pertama dari nama Region, Synopsis di awali kata terakhir dari Director, dan Release Date dimana Film tersebut bergenre Horror (LEFT, REVERSE, SUBSTRING, CHARINDEX)

|   | Title                 | Synopsis  | ReleaseDate |
|---|-----------------------|---|-------------|
| 1 | As Squid Game         | Hyuk Hundreds of cash-strapped players accept a ... | 2021-01-01  |
| 2 | Am Stranger Things    | Brothers When a young boy vanishes, a small town... | 2016-01-01  |
| 3 | As All of Us are Dead | JQ A high school becomes ground zero for a zombi... | 2022-01-01  |

8. Tampilkan Customer Name dengan huruf kecil semua, dan hitung berapa kali customer melakukan order, dan jumlah total film yang diorder lalu urutkan customer dari yang paling sedikit melakukan order rental film dimana transaksi di lakukan di Februari 2021 - Desember 2021 (LOWER, COUNT, DISTINCT, MONTH, BETWEEN, YEAR, GROUP BY, ORDER BY)

|   | Customer Name     | Order Count | Film Count |
|---|-------------------|-------------|------------|
| 1 | adam hill         | 1           | 1          |
| 2 | ariana bennet     | 1           | 1          |
| 3 | septi kumawati    | 2           | 3          |
| 4 | amalia melani     | 1           | 3          |
| 5 | evelyn mitchell   | 2           | 5          |
| 6 | wawan hardiansyah | 2           | 5          |

9. Tampilkan Customer Name, Jam Order dengan diakhiri dengan AM dan PM dan Total Rental Duration dimana ordernya dilayani oleh staff dengan nama akhir Sitorus atau Haryanti (CONVERT, CAST, SUM, IN)

|   | Customer Name   | Customer Order Time | Total Rental Duration |
|---|-----------------|---------------------|-----------------------|
| 1 | Adam Hill       | 9:21PM              | 6                     |
| 2 | Amalia Melani   | 2:23AM              | 4                     |
| 3 | Ariana Bennet   | 12:30PM             | 2                     |
| 4 | Ariana Bennet   | 6:30PM              | 6                     |
| 5 | Edward Mabena   | 11:26AM             | 9                     |
| 6 | Evelyn Mitchell | 8:30AM              | 10                    |
| 7 | Septi Kusmawati | 2:50PM              | 4                     |

10. Tampilkan Customer Name, Customer Gender dengan return Male dan Female, total order yang dilakukan customer, dan hitung rata rata durasi rental customer dimana Film tersebut diproduksi di Region Asia, Africa dan America dan Staff yang melayani transaksi memiliki nama belakang Nuraini (CASE WHEN, COUNT, AVG, IN)

|   | Customer Name     | Customer Gender | Total Order Count | Average Rental Duration |
|---|-------------------|-----------------|-------------------|-------------------------|
| 1 | Amalia Melani     | Female          | 2                 | 3                       |
| 2 | Wawan Hardiansyah | Male            | 2                 | 2                       |

11. Buatlah Stored Procedure "GetTopFiveFilms" untuk menampilkan Title, Synopsis, dan durasi peminjaman dari lima Film yang pernah dirental Customer dengan durasi rental terlama. Jika durasi rental sama, diurutkan dari Title secara abjad.

|   | Title                          | Synopsis   | RentalDuration |
|---|--------------------------------|--|----------------|
| 1 | Squid Game                     | Hundreds of cash-strapped players accept a strange i...    | 4              |
| 2 | Stranger Things                | When a young boy vanishes, a small town uncovers a...      | 4              |
| 3 | The Boy Who Harnessed The Wind | The Boy Who Harnessed The Wind dramatizes the fa...        | 4              |
| 4 | The Burial of Kojima           | The film opens with a girl named Esi reflecting upon he... | 4              |
| 5 | The Sea Beast                  | When a young girl stows away on the ship of a legend...    | 4              |

12. Buatlah Stored Procedure "GetYearTotalFilm" untuk menampilkan tahun beserta jumlah film berbeda yang diorder di tahun tersebut, diurutkan dari tahun terlama.

|   | FilmYear | CountData |
|---|----------|-----------|
| 1 | 2021     | 9         |
| 2 | 2022     | 6         |

13. Buatlah Stored Procedure "GetOrderByCustomer <CustomerId>" untuk menampilkan data order dengan parameter CustomerId dengan output OrderId, OrderDate, CustomerName = (FirstName + LastName), Film Title, Rental Duration  
GetOrderByCustomerId 'MC001'

|   | OrderId | OrderDate               | CustomerName      | Title                          | RentalDuration |
|---|---------|-------------------------|-------------------|--------------------------------|----------------|
| 1 | TO002   | 2021-08-06 07:50:00.000 | Wawan Hardiansyah | The Boy Who Harnessed The Wind | 4              |
| 2 | TO002   | 2021-08-06 07:50:00.000 | Wawan Hardiansyah | All of Us are Dead             | 2              |
| 3 | TO010   | 2022-05-03 13:39:00.000 | Wawan Hardiansyah | All of Us are Dead             | 1              |
| 4 | TO010   | 2022-05-03 13:39:00.000 | Wawan Hardiansyah | Squid Game                     | 4              |
| 5 | TO014   | 2021-09-20 23:55:00.000 | Wawan Hardiansyah | Bridgerton                     | 3              |
| 6 | TO014   | 2021-09-20 23:55:00.000 | Wawan Hardiansyah | All of Us are Dead             | 1              |
| 7 | TO014   | 2021-09-20 23:55:00.000 | Wawan Hardiansyah | Squid Game                     | 2              |

14. Buatlah Stored Procedure "GetFilm <RegionName,GenreName?>" untuk menampilkan data film sudah di order dengan parameter Region Name (Wajib) dan Genre Name (Optional) dan jika parameter Genre Name kosong akan menampilkan semua Genre dengan output Film Title, Genre Name, Release Date, Synopsis, dan Director.  
GetFilm 'Asia','Horror'  
GetFilm 'Asia','

|   | Title              | GenreName | ReleaseDate | Synopsis  | Director        |
|---|--------------------|-----------|-------------|---|-----------------|
| 1 | All of Us are Dead | Horror    | 2022-01-01  | A high school becomes ground zero for a zombie v... | Lee JQ          |
| 2 | Squid Game         | Horror    | 2021-01-01  | Hundreds of cash-strapped players accept a stran... | Hwang Dong Hyuk |

|   | Title                   | GenreName | ReleaseDate | Synopsis  | Director        |
|---|-------------------------|-----------|-------------|---|-----------------|
| 1 | All of Us are Dead      | Horror    | 2022-01-01  | A high school becomes ground zero for a zombie v...   | Lee JQ          |
| 2 | Spider-Man: No Way Home | Action    | 2021-01-01  | When his loved ones are put at risk, Peter Parker ... | Marvel Studios  |
| 3 | Squid Game              | Horror    | 2021-01-01  | Hundreds of cash-strapped players accept a stran...   | Hwang Dong Hyuk |

15. Buatlah Stored Procedure "GetOrderByCode <OrderId | OrderDetailId>" untuk menampilkan data order dengan parameter OrderId atau OrderDetailId dengan output OrderId, OrderDate, Film Title, Release Detail yang terdiri dari (tahun rilis : Director), dan durasi rental. Gunakan dynamic query (optional)

GetOrderByCode 'TO002'

GetOrderByCode 'OD004'

|   | OrderID | OrderDate               | Title                          | Release Detail          | RentalDuration |
|---|---------|-------------------------|--------------------------------|-------------------------|----------------|
| 1 | TO002   | 2021-08-06 07:50:00.000 | The Boy Who Harnessed The Wind | 2018 : Chiwetel Ejiofor | 4              |
| 2 | TO002   | 2021-08-06 07:50:00.000 | All of Us are Dead             | 2022 : Lee JQ           | 2              |

|   | OrderID | OrderDate               | Title         | Release Detail | RentalDuration |
|---|---------|-------------------------|---------------|----------------|----------------|
| 1 | TO003   | 2022-01-06 11:26:00.000 | The Sea Beast | 2022 : Disney  | 2              |