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| **MECE ON MOVIE RANTAL ANALYSIS** |

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| **ACTOR TABLE** | **ADDRESS TABLE** | **CATEGORY TABLE** |
| The table lists information for all actors, including their first and last names. It serves as a fundamental repository for actor data, facilitating casting decision and providing essential information for film categorization and analysis . | The Address table contains address information for customers, staff, and stores, providing essential location details such as street address, city, state/province, postal/ZIP code, and country..  Top of Form | The Category table lists the categories that can be assigned to films, categorizing them based on genre, theme, or other defining characteristics. It serves as a structured framework for organizing and browsing films . |

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| **CITY TABLE** | **COUNTRY TABLE** | **CUSTOMER TABLE** |
| The City table contains a list of cities, providing basic geographical information within the system. It serves as a reference for associating addresses with specific locations and supports functionalities such as city information lookup. | The Country table contains a list of countries or regions, serving as a reference for geographical information within the system. It supports functionalities such as country information lookup and ensures accuracy and consistency in recording country data . | The Customer table comprises information on all customers, facilitating their management within the system. It includes attributes such as customer details and rental history, supporting functionalities like customer management, rental tracking, and personalized service provision. |

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| **FILM TABLE** | | **FILM TEXT TABLE** | | **FILM ACTOR TABLE** |
| The Film table lists all films available in the store, serving as a comprehensive repository of film information. It includes attributes such as film details, language, and inventory status, supporting . | | The Film\_text table contains textual information corresponding to films listed in the Film table, ensuring synchronized content. It supports functionalities such as film text management and facilitates consistency . | | The Film\_actor table facilitates many-to-many relationships between films and actors, providing a comprehensive record of casting information. It serves as a bridge to associate actors with films . |
| **FILM CATEGORY TABLE** | **INVENTORY TABLE** | | **LANGUAGE TABLE** | | |
| The Film\_category table supports many-to-many relationships between films and categories, enabling efficient categorization of films based on genre or theme. It serves as a bridge to associate films with categories, facilitating functionalities like film categorization . | The Inventory table represents individual copies of films available in the store, providing detailed information on stock levels and availability. It supports functionalities such as inventory management, stock tracking, and rental fulfillment, | | The Language table lists all possible values for film language and original language, serving as a reference for language information within the system. It supports functionalities such as language information lookup and ensures consistency in recording language data across films, facilitating effective communication and localization features within the database. | | |

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| **PAYMENT TABLE** | **RENTAL TABLE** | **STAFF TABLE** |
| The Payment table records every payment made by customers, including information such as the amount paid and rental details. It supports functionalities like payment management and transaction recording, ensuring accurate financial tracking and providing a comprehensive record of customer transactions for accounting and analysis purposes. | The Rental table stores information on each rental transaction, including details on who rented what, when it was rented, and when it was returned. It supports functionalities like rental management, transaction tracking, and rental history lookup, ensuring accurate record-keeping and facilitating efficient rental processes within the system. | The Staff table contains information on all staff members, including their contact details and roles within the system. It supports functionalities such as staff management, login authentication, and access control, ensuring efficient operation and security measures within the organization |