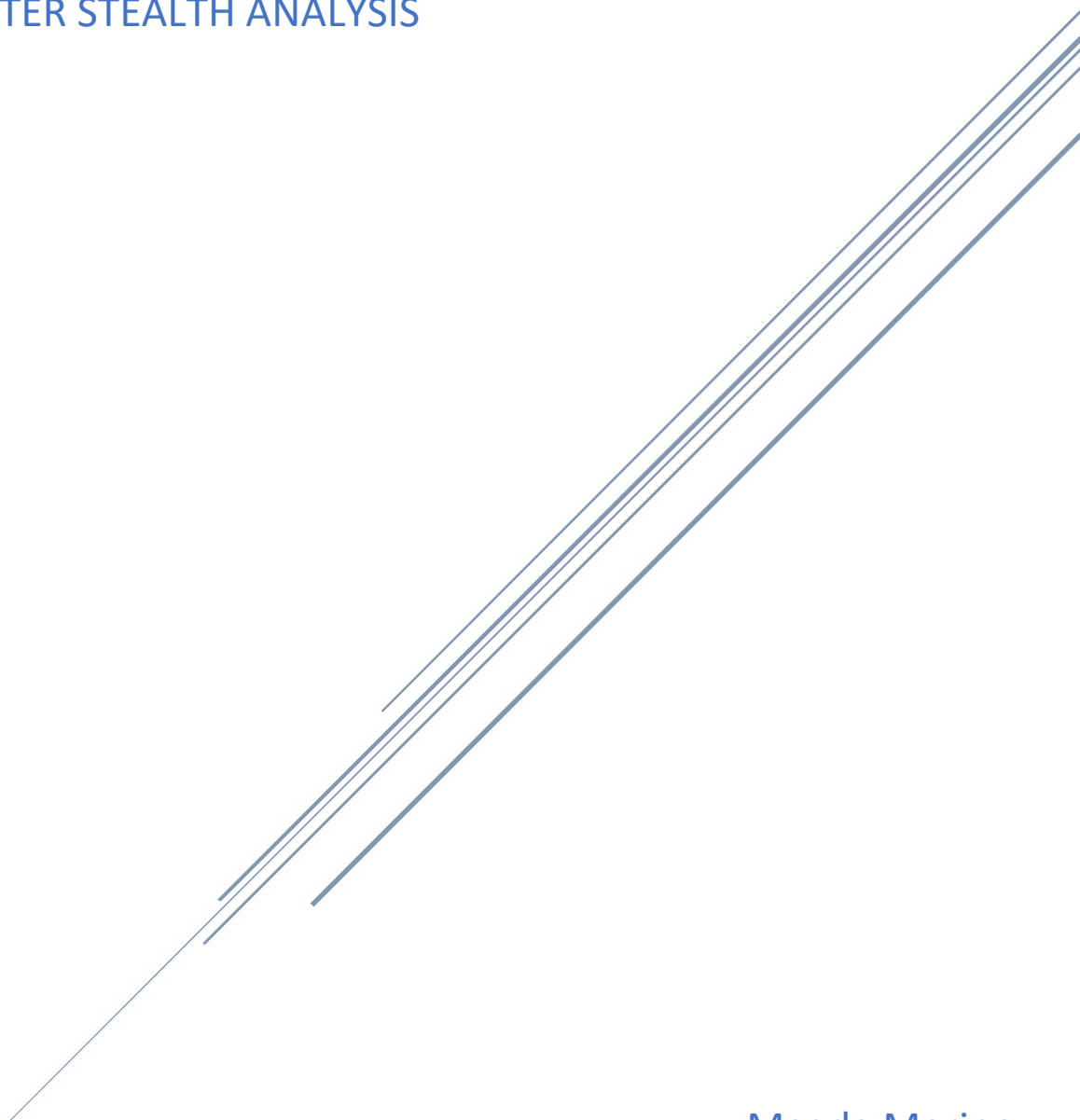


DATA DICTIONARY

ROCKBUSTER STEALTH ANALYSIS



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Entity Relationship Diagram (ERD)



Data Tables

Tables

Payment Table

Table	Relationships	Columnn	Data Type	Description
Payment	Primary key	Payment_id	Serial	Unique identifier for payment
	Foreign Key	Customer_id	Smallint	Unique identifier for customer
	Foreign Key	Satff_id	Smallint	Unique identifier for staff
	Foreign key	Rental_id	Integer	Unique identifier for rental
		Amount	Numeric (5,2)	Amount value
		Payment_date	Timestamp (6) without time zone	Payment date and time without time zone

Links to Tables:

Table Name	Linked Columnns
Customer	Customer_id = Customer_id
Staff	Staff_id = Staff_id
Rental	Rental_id = Rental_id

Linked from Tables:

None

Rental Table

Table	Relationship	Columnn	Data Type	Description
Rental	Primary key	Rental_id	Serial	Unique identifier for rental
		Rental_date	Timestamp (6) without time zone	Rental date and time without time zone
	Foreign key	Inventory_id	Integer	Unique identifier for inventory
	Foreign key	Customer_id	Smallint	Unique identifier for customer
		Return_date	Timestamp (6) without time zone	Unique date and time without time zone

	Foreign key	Staff_id	Smallint	Unique identifier for staff
		Last_update	Timestap (6) without time zone	Last update and time without time zone

Linked to Tables:

Tables	Linked Columns
Inventory	Inventory_id = Inventory_id
Customer	Customer_id = Customer_id
Staff	Staff_id = Staff_id

Linked from Tables:

Table Name	Linked Columns
Payment	Rental_id = Rental_id

Store Table

Table	Relationships	Column	Data Type	Description
Store	Primary key	Store_id	Serial	Unique identifier for store
	Foreign key	Manager_staff_id	Smallint	Unique identifier for manager staff
	Foreign key	Address_id	Smallint	Unique identifier for address
		Last_update	Timestamp (6) without time zone	Last update and time without time zone

Linked to Tables:

Table Name	Linked Columns
Staff	Manager_staff = Staff_id
Address	Address_id = Address_id

Linked from Tables:

None

Film Actor Table

Table	Relationships	Column	Data Type	Description
Film Actor	Primary key	Actor_id	Smallint	Unique identifier for actor
	Foreign key	Film_id	Smallint	Unique identifier for film
		Last_update	Time stamp (6) without time zone	Last update and time without time zone

Linked to Tables:

Table Name	Linked Columns
Actor	Actor_id = Actor_id
Film	Film_id = Film_id

Linked from Tables:

None

Inventory Table

Table	Relationships	Column	Data Type	Description
Inventory	Primary key	Inventory_id	Serial	Unique identifier for inventory
	Foreign key	Film_id	Smallint	Unique identifier for film
	Foreign key	Store_id	Smallint	Unique identifier for store
		Last_update	Timestamp (6) without time zone	Last update and time without time zone

Linked to Tables:

Table Name	Linked Column
Film	Film_id = Film_id

Linked from Tables:

Table Name	Linked Column
Rental	Rental_id = Rental_id

Film Category Table

Table	Relationships	Column	Data Type	Description
Film Category	Primary key	Film_id	Smallint	Unique identifier for film
	Foreign key	Category_id	Smallint	Unique identifier for category
		Last_update	Timestamp (6) without timezone	Last update and time without time zone

Linked to Tables:

Table Name	Linked Columns
Film	Film_id = Film_id
Category	Category_id = Category_id

Linked from Tables:

None

Customer Table

Table	Relationships	Column	Data Type	Description
Customer	Primary key	Customer_id	Serial	Unique identifier for customer
	Foreign key	Store_id	Smallint	Unique identifier for store
		First_name	Character varying (45)	First name of the customer
		Last_name	Character varying (45)	Last name of the customer
		Email	Character varying (50)	Email of the customer
	Foreign key	Address_id	Smallint	Unique identifier for address
		Activebool	Boolean	Tell if customer is active
		Create_date	Date	Date when the customer was created in the system
		Last_update	Timestamp (6) without timezone	Last update and time without time zone
		Active	Integer	Number active

Linked to Tables:

Table Name	Linked Columns
Address	Adress_id = Address_id

Linked from Tables:

Table Name	Linked Columns
Rental	Rental_id = Rental_id

Staff Table

Table	Relationships	Column	Data Type	Description
Staff	Primary key	Staff_id	Serial	Unique identifier for staff
		First_name	Character varying (45)	First name of the staff
		Last_name	Character varying (45)	Last name of the staff
	Foreign key	Address_id	Smallint	Unique identifier for address
		Email	Character varying (50)	Email of the staff
	Foreign key	Store_id	Smallint	Unique identifier for store
		Active	Boolean	Tells if staff is active
		Username	Character Varying (16)	Username of the staff
		Password	Character varying (40)	Password of the staff
		Last_update	Timestamp (6) without timezone	Last update and time without time zone
		Picture	Bytea	Picture of the staff

Linked to Tables:

Table Name	Linked Columns
Address	Address_id = Address_id

Linked from Tables:

Table Name	Linked Columnns
Rental	Rental_id = Rental_id

Actor Table

Table	Relationships	Column	Data Type	Description
Actor	Primary key	Actor_id	Serial	Unique identifier of actor
		First_name	Character varying (45)	First name of the actor
		Last_name	Character varying (45)	Last name of the actor
		Last_update	Timestamp (6) without timezone	Last update and time without time zone

Linked to Tables:

None

Linked from Tables:

Table Name	Linked Column
Film_actor	Actor_id = Actor_id

Film Table

Table	Relationships	Column	Data Type	Description
Film	Primary key	Film_id	Serial	Unique identifier for film
		Title	Character varying (255)	The title of the film
		Description	Text	Description of the film
		Release_year	Year	The release year of the film
	Foreign key	Laguage_id	Smallint	Unique identifier for language
		Rental_duration	Smallint	The rental duration of the film

		Rental_rate	Numeric (4,2)	The rental rate of the film
		Length	Smallint	The length of the film
		Replacement_cost	Numeric (5,2)	The replacement cost of the film
		Rating	Mpaa_rating	The rating of the film
		Last_update	Timestamp (6) without time zone	Last update and time without time zone
		Special_features	Text[]	Special features of the film
		Fulltext	Tsvector	Fulltext index

Linked to Tables:

Table Name	Linked Columns
Language	Language_id = language_id

Linked from Tables:

Table Name	Linked Columns
Film_actor	Film_Actor = Film_actor
Film_category	Film_category = Film_category

Category Table

Table	Relationships	Column	Data Type	Description
Category	Primary key	Category_id	Serial	Unique identifier for category
		Name	Character varying (25)	The name of the category
		Last_update	Timestamp (6) without time zone	Last update and time without time zone

Linked to Tables:

None

Linked from Tables:

Table Name	Linked Column
Film_category	Category_id = Category_id

Language Table

Table	Relationships	Column	Data Type	Description
Language	Primary key	Language_id	Serial	Unique identifier for language
		Name	Character (20)	The name of the language
		Last_update	Timestamp (6) without time zone	Last update and time without time zone

Linked to Tables:

None

Linked from Tables:

Table Name	Linked Columns
Film	Language_id = Language_id

Address Table

Table	Relationship	Column	Data Type	Description
Address	Primary key	Address_id	Serial	Unique identifier for address
		Address	Character varying (50)	First line of an address
		Address 2	Character varying 20	Second line of an address
		Disctrict	Character varying 20	The region of an address
		City_id	Smallint	The city of an address
		Postal_code	Character varying (10)	The postal code for an address
		Phone	Character varying (20)	The phone number for an address
		Last_update	Timestamp (6) without time zone	Last update and time without time zone

Linked to Tables:

Table Name	Linked Columns
City	City_id = City_id

Linked from Tables:

Table Name	Linked Column
City	City_id = City_id
Customer	Address_id = Address_id

City Table

Table	Relationship	Column	Data Type	Description
City	Primary key	City_id	Serial	Unique identifier for city
		City	Character varying (50)	Name of the city
	Foreign key	Country_id	Smallint	Unique identifier for country
		Last_update	Timestamp (6) without time zone	Last update and time without time zone

Linked to Tables:

Table Name	Linked Columns
Country	Country_id = Country_id

Linked from Tables:

Table Name	Linked Columns
Address	Address_id = Address_id

Country Table

Table	Relationship	Column	Data Type	Description
Country	Primary key	Country_id	Serial	Unique identifier for country
		Country	Character varying (50)	Name of country
		Last_update	Timestamp (6) without time zone	Last update and time without time zone

Linked to Tables:

None

Linked from Tables:

Table Name	Linked Columns
City	City_id = City_id