Database model documentation

Table of contents

1. Model details

Model name:

DW_D-End

Version:

2.4

Database engine:

 Microsoft SQL Server

Description:

Database to store the D-end project data

2. Tables

2.1. Table Dim_Cliente

Description:

Table that stores health plan customer information

2.1.1. Columns

Column name	Type	Properties	Description
`cli_id`	`int`	PK	Primary key of the "Dim_Cliente" table, it is a sequential number field.
`cli_id_ori`	`varchar(250)`	`null`	Column id coming from MongoDB.
`cli_nome`	`varchar(250)`	`null`	Column that stores the customer's name.
`cli_data_nascime nto`	`varchar(30)`	`null`	Column that stores the customer's date of birth.
`cli_qtd_dependen te`	`int`	`null`	Column that stores the number of dependents of the health insurance holder.
`cli_marca_otica`	`bigint`	`null`	Column that stores the customer's "marca otica", an individual number for each person.
`cli_marca_otica_ odont`	`bigint`	`null`	Column that stores the customer's "marca otica odonto", an individual number for each person, only if the holder has this health insurance.
`cli_situacao`	`varchar(50)`	`null`	Column that stores the customer's status, it can be active or inactive.
`cli_data_cancela mento`	`varchar(30)`	`null`	Column that stores the medical insurance cancellation date.
`cli_cod_contrato`	`numeric(8,2)`	`null`	Column that stores the contract code.

2.2. Table Dim_Plano
Description:

Table that stores health plan information.

2.2.1. Columns

Column name	Type	Properties	Description
pln_id	int	PK	Primary key of the "Dim_Plano" table, it is a sequential number field.
pln_codigo	varchar(50)	null	Column that stores the health plan code.
pln_nome	varchar(250)	null	Column that stores the health plan name.
pln_operadora	varchar(250)	null	Column that stores the health plan company name.
pln_ini_vigencia	varchar(30)	null	Column that stores the date that the health plan started.

2.3. Table Dim_Repasse
Description:

Table that stores the transfer information between client and medical agreement.

2.3.1. Columns

Column name	Type	Properties	Description
rep_id	int	PK	Primary key of the "Dim_Repasse" table, it is a sequential number field.
rep_valor	numeric(8,2)	null	Column that stores what the health operator passes on to the medical agreement.
rep_competencia	varchar(30)	null	Column that stores the payment date.
rep_condicao	varchar(150)	null	Value identified according to the data crossing.

rep_dif_repasse	bigint	null	Column that stores the payment difference between the client and the medical agreement, if any.
rep_data_geracao	varchar(30)	null	Column that stores the date on which the amount to be paid was generated.
rep_saude_orig	numeric(8,2)	null	Column that stores the value of the health plan
rep_valor_mensalidade	numeric(8,2)	null	Column that stores the amount charged for the monthly fee.
rep_marca_otica_mens	bigint	null	Column that stores the customer's "marca otica mensalidade", an individual number for each person.

2.4. Table Dim_Convenio

Description:

Table that stores medical insurance information

2.4.1. Columns

Column name	Type	Properties	Description
con_id	int	PK	Primary key of the "Dim_Convenio" table, it is a sequential number field.
con_codigo	bigint	null	Column that stores the medical insurance code.
con_nome	varchar(250)	null	Column that stores the name of the medical insurance.
con_data_suspensao	varchar(30)	null	Date of suspension of the medical agreement.

2.5. Table Fato_Medical

Description:

Table that stores the primary keys of dimension tables.

2.5.1. Columns

Column name	Type	Properties	Description
Dim_Cliente_cli_id	int	PK	Foreign key of table "Dim_Cliente" and Primary key of table Fato_Medical.
Dim_Plano_pln_id	int	PK	Foreign key of table "Dim_Plano" and Primary key of table Fato_Medical. .
Dim_Repasse_rep_id	int	PK	Foreign key of table "Dim_Repasse" and Primary key of table Fato_Medical. .
Dim_Convenio_con_id	int	PK	Foreign key of table "Dim_Convenio" and Primary key of table Fato_Medical. .

3. References

3.1. Reference fk_cliente_medical_cli_id

Description:

foreign key between "Dim_Cliente" and "Fato_Medical" tables.

Dim_Cliente	0..*	Fato_Medical
cli_id	<->	Dim_Cliente_cli_id

3.2. Reference fk_plano_medical_pln_id

Description:

foreign key between "Dim_Plano" and "Fato_Medical" tables.

Dim_Plano	0..*	Fato_Medical
pln_id	<->	Dim_Plano_pln_id

3.3. Reference fk_repasse_medical_rep_id

Description:

foreign key between "Dim_Repasse" and "Fato_Medical" tables.

Dim_Repasse	0..*	Fato_Medical
rep_id	<->	Dim_Repasse_rep_id

3.4. Reference fk_convenio_medical_con_id

Description:

foreign key between "Dim_Convenio" and "Fato_Medical" tables.

Dim_Convenio	0..*	Fato_Medical
con_id	<->	Dim_Convenio_con_id