## **Greyfinch Datawarehouse**

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#### List of DIMENSIONAL tables

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#### dim\_appointment\_status (Physical Name: dim\_appointment\_status)

Logical Column Name	Physical Column Name	Туре	PK	Nullable	
id (PK)	id	BIGINT	PK	NOT NULL	
PK of the dimensioanl table (business PK entity) may a	<ul> <li>e. Is a Surrogate Key for the dimensional entity. W ppear several times.</li> </ul>	nen SCD is enabled the san	ne entity		
-	appointment_status escription of the dimensional entity.	VARCHAR(255	)		
appointment_status  The unique identifier and d created		VARCHAR(255 TIMESTAMP	)		

#### Referenced By

- fact appointment referencing (id)
- fact appointment state change referencing (id)
- <u>fact appointment state change</u> referencing (id)

#### dim\_appointment\_type (Physical Name: dim\_appointment\_type)

The version of the dimensional entity when SCD history is enabled.	PK entity	NOT NULL
(business PK entity) may appear several times.  version version INTEGER  The version of the dimensional entity when SCD history is enabled.	entity	
The version of the dimensional entity when SCD history is enabled.		
<u> </u>		
date_from date_from TIMESTAMP		
The date from the dimensional entity is active when SCD history is enabled.		
date_to date_to TIMESTAMP		
The date to the dimensional entity is active when SCD history is enabled.		
appointment_type_nk appointment_type_nk BIGINT		
The PK in the business model, the unique identifier of the dimensional entity in the business model. If the SC activated the same PK for an entity could appear several times, keeping track of changes in some of the dimensional entity attributes.		ity
appointment_type_name appointment_type_name VARCHAR(255)		
The description of the dimensional entity.		
created created TIMESTAMP		
Date when the row was initially added to the dimension.		

#### Referenced By

- fact appointment referencing (id)
- fact appointment state change referencing (id)
   fact scheduling available slot referencing (id)
   fact new patient treatment referencing (id)

dim\_appointment\_type\_category (Physical Name: dim\_appointment\_type\_category)

Logical Column Name	Physical Column Name	Type	PK	Nullable
id	id	BIGINT		
(business PK entity) may app			entity	
appointment_type_category	appointment_type_category	VARCHAR(50)		
appointment_type_category	11 -71 - 8 7	` '		
-71 - 6 7	cription of the dimensional entity.	` ,		

Date when the row was initially added to the dimension.

#### Referenced By

- <u>fact appointment</u> referencing (id)
- <u>fact appointment state change</u> referencing (id)
- <u>fact nps feedback</u> referencing (id)
- <u>fact nps request</u> referencing (id)

## dim\_appt\_confirmation\_status (Physical Name: dim\_appt\_confirmation\_status)

Logical Column Name	Physical Column Name	Type	PK	Nullable
id (PK)	id	BIGINT	PK	NOT NULL
PK of the dimensioanl tabl (business PK entity) may a	e. Is a Surrogate Key for the dimensional entity. W ppear several times.	hen SCD is enabled the same	entity	
appt_confirmation_status	appt_confirmation_status	VARCHAR(50)		
The unique identifier and d	escription of the dimensional entity.			
created	created	TIMESTAMP		
	tially added to the dimension.			

#### Referenced By

• fact appointment referencing (id)

## dim\_assistant (Physical Name: dim\_assistant)

Logical Column Name	Physical Column Name	Туре	PK	Nullable
id	id	BIGINT		NOT NULL
PK of the dimensioanl table	. Is a Surrogate Key for the dimensional entity. W	hen SCD is enabled the san	ne entity	

(business PK entity) may appear several times. version INTEGER The version of the dimensional entity when SCD history is enabled. TIMESTAMP date from date from The date from the dimensional entity is active when SCD history is enabled. TIMESTAMP date\_to The date to the dimensional entity is active when SCD history is enabled. BIGINT employment\_contract\_pk employment\_contract\_pk The PK in the business model, the unique identifier of the dimensional entity in the business model. If the SCD is activated the same PK for an entity could appear several times, keeping track of changes in some of the dimensional entity BIGINT person\_pk person\_pk The PK in the business model, the unique identifier of the dimensional entity in the business model. If the SCD is activated the same PK for an entity could appear several times, keeping track of changes in some of the dimensional entity attributes. parent\_company\_pk parent company pk The PK in the business model, the unique identifier of the dimensional entity in the business model. If the SCD is activated the same PK for an entity could appear several times, keeping track of changes in some of the dimensional entity attributes. job\_status job\_status VARCHAR(100) Value of the job\_status for the dimensional entity. VARCHAR(100) job class job class Value of the job\_class for the dimensional entity. VARCHAR(100) job\_title Value of the job\_title for the dimensional entity. RIT is\_provider is provider Indicates if is\_provider for the dimensional entity is assistant is\_assistant BIT Indicates if is\_assistant for the dimensional entity. TIMESTAMP contract\_start\_date contract\_start\_date Value of the contract\_start\_date for the dimensional entity. TIMESTAMP contract\_end\_date contract\_end\_date Value of the contract end date for the dimensional entity. VARCHAR(30) human id human\_id Value of the human\_id for the dimensional entity. VARCHAR(255) full\_name full\_name The description of the dimensional entity. gender gender VARCHAR(11) Value of the gender for the dimensional entity. marital\_status VARCHAR(255) marital status Value of the marital\_status for the dimensional entity. TIMESTAMP birth\_date birth\_date Value of the birth\_date for the dimensional entity. VARCHAR(255) city Value of the city for the dimensional entity. zip VARCHAR(255) Value of the zip for the dimensional entity. state VARCHAR(255) Value of the state for the dimensional entity. zip\_code\_id zip\_code\_id BIGINT Value of the zip\_code\_id for the dimensional entity. VARCHAR(30) created from created from Value of the created\_from for the dimensional entity. TIMESTAMP Date when the row was initially added to the dimension.

#### dim\_chair (Physical Name: dim\_chair)

Logical Column Nan	ne Physical Column Name	Туре	PK	Nullable
id (PK)	id	BIGINT	PK	NOT NULL
	raison table. It a Currecasta Kay for the dimensional anti	try Whon CCID is anabled the cor		
(business PK en	sioanl table. Is a Surrogate Key for the dimensional entitity) may appear several times.			
		VARCHAR(255)		
(business PK en	tity) may appear several times.			

Date when the row was initially added to the dimension.

#### Referenced By

- <u>fact scheduling available slot</u> referencing (id)
   <u>fact nps feedback</u> referencing (id)
- <u>fact appointment</u> referencing (id)
- fact scheduling work hours referencing (id)
- fact nps request referencing (id)

## dim\_collection\_label (Physical Name: dim\_collection\_label)

Logical Column Name	Physical Column Name	Type	PK	Nullable
id (PK)	id	BIGINT	PK	NOT NULL
PK of the dimensioanl ta (business PK entity) ma	able. Is a Surrogate Key for the dimensional entity. Yappear several times.	When SCD is enabled the sam	e entity	
version	version	INTEGER		
The version of the dime	nsional entity when SCD history is enabled.			
date_from	date_from	TIMESTAMP		
The date from the dimer	asional entity is active when SCD history is enabled			
date_to	date_to	TIMESTAMP		
The date to the dimension	onal entity is active when SCD history is enabled.			
collection_label_pk	collection_label_pk	BIGINT		
	model, the unique identifier of the dimensional entit or an entity could appear several times, keeping trac			
collection_lable_name	collection_lable_name	VARCHAR(50)		
The description of the d	imensional entity.			
	created	TIMESTAMP		

## dim\_discount\_type (Physical Name: dim\_discount\_type)

Logical Column Name	Physical Column Name	Туре	PK	Nullable
id (PK)	id	BIGINT	PK	NOT NULL
PK of the dimensioanl table (business PK entity) may a	e. Is a Surrogate Key for the dimensional entity. We opear several times.	then SCD is enabled the same	e entity	
version	version	INTEGER		
The version of the dimension	onal entity when SCD history is enabled.			
date_from	date_from	TIMESTAMP		
The date from the dimension	anal entity is active when SCD history is enabled.			
date_to	date_to	TIMESTAMP		
The date to the dimensional	l entity is active when SCD history is enabled.			
discount_type_crc_id	discount_type_crc_id	BIGINT		
A generated CRC numeric	code representing the text description PK in busin	ess model. For optimization	purposes.	
discount_type_name	discount_type_name	VARCHAR(255)		
The description of the dime	ensional entity.			
created	created	TIMESTAMP		
Date when the row was init	ially added to the dimension.			

• fact transaction referencing (id)

## dim\_employee (Physical Name: dim\_employee)

Logical Column Name	Physical Column Name	Type	PK	Nullable
id (PK)	id	BIGINT	PK	NOT NULL
PK of the dimensioani tar	ble. Is a Surrogate Nev for the dimensional entity. W	ten activits enabled the sar	ie entity	
(business PK entity) may	ole. Is a Surrogate Key for the dimensional entity. Waappear several times.  version	INTEGER	ne entity	
(business PK entity) may version	appear several times.		не епшу	

The date from the dimensional entity is active when SCD history is enabled. date\_to TIMESTAMP date to The date to the dimensional entity is active when SCD history is enabled. BIGINT employment\_contract\_pk employment\_contract\_pk The PK in the business model, the unique identifier of the dimensional entity in the business model. If the SCD is activated the same PK for an entity could appear several times, keeping track of changes in some of the dimensional entity person\_pk BIGINT person pk The PK in the business model, the unique identifier of the dimensional entity in the business model. If the SCD is activated the same PK for an entity could appear several times, keeping track of changes in some of the dimensional entity attributes parent\_company\_pk parent\_company\_pk The PK in the business model, the unique identifier of the dimensional entity in the business model. If the SCD is activated the same PK for an entity could appear several times, keeping track of changes in some of the dimensional entity attributes. job\_status VARCHAR(100) iob status Value of the job\_status for the dimensional entity. VARCHAR(100) iob class Value of the job\_class for the dimensional entity. job\_title VARCHAR(100) Value of the job\_title for the dimensional entity. BIT is\_provider is\_provider Indicates if is\_provider for the dimensional entity. BIT is assistant Indicates if is\_assistant for the dimensional entity TIMESTAMP contract start date contract start date Value of the contract\_start\_date for the dimensional entity. contract\_end\_date contract\_end\_date TIMESTAMP Value of the contract end date for the dimensional entity. VARCHAR(30) human\_id human\_id Value of the human\_id for the dimensional entity. VARCHAR(255) full name full\_name The description of the dimensional entity gender VARCHAR(11) gender Value of the gender for the dimensional entity. VARCHAR(255) marital\_status marital\_status Value of the marital\_status for the dimensional entity. birth\_date birth date TIMESTAMP Value of the birth\_date for the dimensional entity. VARCHAR(255) city Value of the city for the dimensional entity. zip VARCHAR(255) Value of the zip for the dimensional entity. VARCHAR(255) state Value of the state for the dimensional entity. BIGINT zip\_code\_id Value of the zip\_code\_id for the dimensional entity. created from VARCHAR(30) created from Value of the created from for the dimensional entity created TIMESTAMP Date when the row was initially added to the dimension.

#### Referenced By

- fact appointment referencing (id)
- fact appointment referencing (id)
- fact nps feedback referencing (id)
- fact nps feedback referencing (id)
- fact nps request referencing (id)
- fact nps request referencing (id)
- fact new patient treatment referencing (id)

#### dim\_insurance\_company (Physical Name: dim\_insurance\_company)

Logical Column Name	Physical Column Name	Туре	PK	Nullable
id (PK)	id	BIGINT	PK	NOT NULL

version	1	version	INTEGER
		entity when SCD history is enabled.	
date_fr		date_from	TIMESTAMP
_		entity is active when SCD history is enabled.	
date_to		date_to	TIMESTAMP
	The date to the dimensional ent	ity is active when SCD history is enabled.	
insurar	nce_company_pk	insurance_company_pk	BIGINT
		the unique identifier of the dimensional entity in t tity could appear several times, keeping track of	
insurar	ce_company_location_id	insurance_company_location_id	BIGINT
	Value of the insurance_compan	y_location_id for the dimensional entity.	
name		name	VARCHAR(255)
	Value of the name for the dime	nsional entity.	
installr	ment_interval	installment_interval	VARCHAR(255)
	Value of the installment_interval	al for the dimensional entity.	
city		city	VARCHAR(255)
	Value of the city for the dimens	ional entity.	
zip		zip	VARCHAR(255)
	Value of the zip for the dimensi	onal entity.	
state		state	VARCHAR(255)
	Value of the state for the dimen	<u> </u>	
zip_co		zip_code_id	BIGINT
	Value of the zip_code_id for the		
medica	iid_state	medicaid_state	VARCHAR(255)
	Value of the medicaid_state for	<del></del>	
isElecti		isElectronic	TINYINT
	Indicates if isElectronic for the		
isCont(	ClaimRequired	isContClaimRequired	TINYINT
	Indicates if isContClaimRequir	<u> </u>	
isMedi		isMedicaid	TINYINT
	Indicates if isMedicaid for the		
hasPay	mentAccount	hasPaymentAccount	TINYINT
	Value of the hasPaymentAccou		
created		created	TIMESTAMP

## Referenced By

- <u>fact\_patient\_insurance</u> referencing (id)
   <u>fact\_payment\_plan\_invoice</u> referencing (id)
   <u>fact\_transaction</u> referencing (id)

## dim\_location (Physical Name: dim\_location)

Logical Column Name	Physical Column Name	Type	PK	Nullable
id (PK)	id	BIGINT	PK	NOT NULL
	table. Is a Surrogate Key for the dimensional entity. nay appear several times.	When SCD is enabled the san	ne entity	
version	version	INTEGER		
The version of the din	nensional entity when SCD history is enabled.			
date_from	date_from	TIMESTAMP		
The date from the dim	ensional entity is active when SCD history is enabled	d.		
date_to	date_to	TIMESTAMP		
The date to the dimen	sional entity is active when SCD history is enabled.			
location_pk	location_pk	BIGINT		
	s model, the unique identifier of the dimensional enti for an entity could appear several times, keeping tra			
location_name	location_name	VARCHAR(255)		
The description of the	dimensional entity.			
division_name	division_name	VARCHAR(255)		
The description of the	dimensional entity.			
division_level	division_level	VARCHAR(20)		

zip		zip	VARCHAR(255)
	Value of the zip for the di	mensional entity.	
zip_coc	le_id	zip_code_id	BIGINT
	Value of the zip_code_id	for the dimensional entity.	
city		city	VARCHAR(255)
	Value of the city for the d	imensional entity.	
state		state	VARCHAR(255)
	Value of the state for the	dimensional entity.	
created		created	TIMESTAMP
	Date when the row was in	nitially added to the dimension.	
pc_nan	ne	pc_name	VARCHAR(255)
	The description of the dir	mensional entity.	
pc_leve	el	pc_level	VARCHAR(20)
	Value of the pc_level for	the dimensional entity.	
location	n_address	location_address	VARCHAR(255)
	Value of the location_add	lress for the dimensional entity.	
location	n_email	location_email	VARCHAR(255)
	Value of the location_email	ail for the dimensional entity.	
location	n_phone	location_phone	CLOB
	Value of the location_pho	one for the dimensional entity.	
location	n_website	location_website	VARCHAR(255)
	Value of the location_wel	bsite for the dimensional entity.	
divisio	n_pk	division_pk	BIGINT
		nodel, the unique identifier of the dimensional of an entity could appear several times, keeping	
pc_pk		pc_pk	BIGINT
		nodel, the unique identifier of the dimensional of an entity could appear several times, keeping	

#### Referenced By

- fact\_appointment referencing (id)
- fact appointment referencing (id)
- <u>fact appointment state change</u> referencing (id)
- fact declined payment referencing (id)
   fact new patient treatment referencing (id)
   fact nps feedback referencing (id)
- <u>fact nps feedback</u> referencing (id)
  <u>fact nps request</u> referencing (id)
- fact nps request referencing (id)
- fact payment plan invoice referencing (id)
- fact scheduling available slot referencing (id)
   fact scheduling work hours referencing (id)
- <u>fact transaction</u> referencing (id)

## dim\_miscellaneous\_charge (Physical Name: dim\_miscellaneous\_charge)

Logical Column Name	Physical Column Name	Type	PK	Nullable
id (PK)	id	BIGINT	PK	NOT NULL
PK of the dimensioanl table (business PK entity) may ap	Is a Surrogate Key for the dimensional entity. Whe pear several times.	en SCD is enabled the sam	e entity	
version	version	INTEGER		
The version of the dimension	nal entity when SCD history is enabled.			
date_from	date_from	TIMESTAMP		
The date from the dimension	nal entity is active when SCD history is enabled.			
date_to	date_to	TIMESTAMP		
The date to the dimensional	entity is active when SCD history is enabled.			
miscellaneous_charge_crc_id	miscellaneous_charge_crc_id	BIGINT		
A generated CRC numeric c	ode representing the text description PK in business	ss model. For optimization	purposes.	
miscellaneous_charge_name	miscellaneous_charge_name	VARCHAR(255)	1	
The description of the dimer	nsional entity.			
created	created	TIMESTAMP		
Date when the row was initi	ally added to the dimension.			

dim\_nps\_request\_status (Physical Name: dim\_nps\_request\_status)

Logical Column Name	Physical Column Name	Туре	PK	Nullable
id (PK)	id	BIGINT	PK	NOT NULL
	table. Is a Surrogate Key for the dimensional entity. Way appear several times.	hen SCD is enabled the sam	ne entity	
version	version	INTEGER		
The version of the dime	ensional entity when SCD history is enabled.			
date_from	date_from	TIMESTAMP		
The date from the dime	ensional entity is active when SCD history is enabled.			
date_to	date_to	TIMESTAMP		
The date to the dimens	ional entity is active when SCD history is enabled.			
reques_status_pk	reques_status_pk	VARCHAR(20)		
	model, the unique identifier of the dimensional entity for an entity could appear several times, keeping track			ity
request_status_description	request_status_description	VARCHAR(100)	)	
Value of the request_st	atus_description for the dimensional entity.			
	created	TIMESTAMP		

## Referenced By

- <u>fact nps feedback</u> referencing (id) <u>fact nps request</u> referencing (id)

## dim\_patient (Physical Name: dim\_patient)

Logical Column Name	Physical Column Name	Туре	PK	Nullable
id (PK)	id	BIGINT	PK	NOT NULL
	table. Is a Surrogate Key for the dimensional entity. W ay appear several times.	hen SCD is enabled the sam	ne entity	
patient_pk	patient_pk	BIGINT		
	model, the unique identifier of the dimensional entity for an entity could appear several times, keeping track			
parent_company_pk	parent_company_pk	BIGINT		
	model, the unique identifier of the dimensional entity for an entity could appear several times, keeping track			
human_id	human_id	VARCHAR(30)		
Value of the human_id	for the dimensional entity.			
person_pk	person_pk	BIGINT		
	model, the unique identifier of the dimensional entity for an entity could appear several times, keeping track			
ull_name	full_name	VARCHAR(255)	)	
full_name  The description of the o	<del>-</del>	VARCHAR(255)	1	
The description of the o	<del>-</del>	VARCHAR(255)  VARCHAR(11)		
The description of the o	dimensional entity.			
The description of the ogender  Value of the gender for	dimensional entity.  gender			
The description of the organder  Value of the gender for marital_status	dimensional entity.  gender the dimensional entity.	VARCHAR(11)		
The description of the organder  Value of the gender for marital_status  Value of the marital_sta	dimensional entity.  gender the dimensional entity.  marital_status	VARCHAR(11)		
The description of the organization of the organization and the gender for marital_status  Value of the marital_station birth_date	dimensional entity.  gender the dimensional entity.  marital_status atus for the dimensional entity.	VARCHAR(11)  VARCHAR(255)		
The description of the opender  Value of the gender for marital_status  Value of the marital_status birth_date  Value of the birth_date	dimensional entity.  gender the dimensional entity.  marital_status atus for the dimensional entity.  birth_date	VARCHAR(11)  VARCHAR(255)	)	
The description of the organder Value of the gender for marital_status Value of the marital_status birth_date Value of the birth_date	dimensional entity.  gender the dimensional entity.  marital_status atus for the dimensional entity.  birth_date for the dimensional entity.  city	VARCHAR(11)  VARCHAR(255)  TIMESTAMP	)	
The description of the opender  Value of the gender for marital_status  Value of the marital_state  oirth_date  Value of the birth_date  city  Value of the city for the	dimensional entity.  gender the dimensional entity.  marital_status atus for the dimensional entity.  birth_date for the dimensional entity.  city	VARCHAR(11)  VARCHAR(255)  TIMESTAMP		
The description of the opender  Value of the gender for marital_status  Value of the marital_state  oirth_date  Value of the birth_date  city  Value of the city for the	gender the dimensional entity.  marital_status atus for the dimensional entity.  birth_date for the dimensional entity.  city e dimensional entity.  zip	VARCHAR(11)  VARCHAR(255)  TIMESTAMP  VARCHAR(255)		
The description of the cogender Value of the gender for marital_status Value of the marital_sta birth_date Value of the birth_date city Value of the city for the zip Value of the zip for the	gender the dimensional entity.  marital_status atus for the dimensional entity.  birth_date for the dimensional entity.  city e dimensional entity.  zip	VARCHAR(11)  VARCHAR(255)  TIMESTAMP  VARCHAR(255)		
walue of the gender for marital_status Value of the marital_status birth_date Value of the birth_date city Value of the city for the zip	dimensional entity.  gender the dimensional entity.  marital_status atus for the dimensional entity.  birth_date for the dimensional entity.  city e dimensional entity.  zip dimensional entity.  state	VARCHAR(11)  VARCHAR(255)  TIMESTAMP  VARCHAR(255)  VARCHAR(255)		
The description of the orgender Value of the gender for marital_status Value of the marital_state birth_date Value of the birth_date city Value of the city for the zip Value of the zip for the state	dimensional entity.  gender the dimensional entity.  marital_status atus for the dimensional entity.  birth_date for the dimensional entity.  city e dimensional entity.  zip dimensional entity.  state	VARCHAR(11)  VARCHAR(255)  TIMESTAMP  VARCHAR(255)  VARCHAR(255)		

email		email	VARCHAR(255)	
	Value of the email for the dimens	sional entity.		
created	_from	created_from	VARCHAR(30)	
	Value of the created_from for the	e dimensional entity.		
heard_f	from	heard_from	VARCHAR(255)	
	Value of the heard_from for the	dimensional entity.		
created		created	TIMESTAMP	
	Date when the row was initially	added to the dimension.		
phone		phone	VARCHAR(255)	
	Value of the phone for the dimen	sional entity.		
first_na	ime	first_name	VARCHAR(255)	
	The description of the dimension	nal entity.		
middle	_name	middle_name	VARCHAR(255)	
	The description of the dimension	nal entity.		
last_na	me	last_name	VARCHAR(255)	
	The description of the dimension	al entity.		
title		title	VARCHAR(10)	
	Value of the title for the dimension	onal entity.		
greeting	g	greeting	VARCHAR(255)	
	Value of the greeting for the dim	ensional entity.		
ssn		ssn	VARCHAR(11)	
	Value of the ssn for the dimension	onal entity.		
address	3	address	VARCHAR(512)	
	Value of the address for the dime	ensional entity.		
patient	_created_date	patient_created_date	TIMESTAMP	NOT NULL
	Value of the patient_created_date	e for the dimensional entity.		
patient	_updated_date	patient_updated_date	TIMESTAMP	NOT NULL
	Value of the patient_updated_dat	te for the dimensional entity.		
dwh_cr	reated	dwh_created	TIMESTAMP	NOT NULL
	Value of the dwh_created for the	dimensional entity.		
dwh_uj	pdated	dwh_updated	TIMESTAMP	NOT NULL
	Value of the dwh_updated for the	e dimensional entity.		

### Referenced By

- fact appointment state change referencing (id)
   fact payment plan invoice referencing (id)
   fact nps feedback referencing (id)

- <u>fact appointment</u> referencing (id)
- <u>fact transaction</u> referencing (id)
- <u>fact patient insurance</u> referencing (id)

- fact nps request referencing (id)
   fact declined payment referencing (id)
   fact new patient treatment referencing (id)

## dim\_patient\_hub\_user (Physical Name: dim\_patient\_hub\_user)

Logical Column Name	Physical Column Name	Туре	PK	Nullable
id (PK)	id	BIGINT	PK	NOT NULL
PK of the dimensioanl ta (business PK entity) may	ble. Is a Surrogate Key for the dimensional entity. We appear several times.	Then SCD is enabled the same	e entity	
parent_company_pk	parent_company_pk	BIGINT		
	nodel, the unique identifier of the dimensional entity or an entity could appear several times, keeping track			
user_id	user_id	VARCHAR(40)		NOT NULL
Value of the user_id for t	he dimensional entity.			
user_name	user_name	VARCHAR(1024)	)	NOT NULL
The description of the di	mensional entity.			
user_created_date	user_created_date	TIMESTAMP		NOT NULL
Value of the user_created	l_date for the dimensional entity.			
user_updated_date	user_updated_date	TIMESTAMP		NOT NULL
Value of the user_update	d_date for the dimensional entity.			
dwh_created	dwh_created	TIMESTAMP		NOT NULL
Value of the dwh_created	d for the dimensional entity.			
	dwh_updated	TIMESTAMP		NOT NULL

dim\_payment\_correction\_type (Physical Name: dim\_payment\_correction\_type)

d (PK)	id	BIGINT	PK	NOT NULL
` '	ole. Is a Surrogate Key for the dimensional entity. When appear several times.	SCD is enabled the sam	e entity	
version	version	INTEGER		
The version of the dimens	sional entity when SCD history is enabled.			
date_from	date_from	TIMESTAMP		
The date from the dimens	ional entity is active when SCD history is enabled.			
date_to	date_to	TIMESTAMP		
The date to the dimension	nal entity is active when SCD history is enabled.			
payment_correction_type_crc_id	payment_correction_type_crc_id	BIGINT		
A generated CRC numeric	c code representing the text description PK in business	model. For optimization	purposes.	
payment_correction_type_name	payment_correction_type_name	VARCHAR(50)		
The description of the din	nensional entity.			
created	created	TIMESTAMP		
Data when the row was in	nitially added to the dimension.			

dim\_payment\_method (Physical Name: dim\_payment\_method)

Logical Column Name	Physical Column Name	Type	PK	Nullable
id (PK)	id	BIGINT	PK	NOT NULL
PK of the dimensioanl table. (business PK entity) may app	Is a Surrogate Key for the dimensional entity. We ar several times.	hen SCD is enabled the sam	ne entity	
version	version	INTEGER		
The version of the dimension	nal entity when SCD history is enabled.			
date_from	date_from	TIMESTAMP		
The date from the dimension	al entity is active when SCD history is enabled.			
date_to	date_to	TIMESTAMP		
The date to the dimensional	entity is active when SCD history is enabled.			
payment_method_crc_id	payment_method_crc_id	BIGINT		
A generated CRC numeric co	ode representing the text description PK in busine	ess model. For optimization	purposes.	
payment_method_name	payment_method_name	VARCHAR(255	)	
The description of the dimen	sional entity.			
created	created	TIMESTAMP		
Date when the row was initia	ally added to the dimension.			

• fact transaction referencing (id)

## dim\_payment\_type (Physical Name: dim\_payment\_type)

Logical Column Name	Physical Column Name	Туре	PK	Nullable
id (PK)	id	BIGINT	PK	NOT NULL
PK of the dimensioanl to (business PK entity) ma	able. Is a Surrogate Key for the dimensional entity. Vy appear several times.	When SCD is enabled the same	e entity	
version	version	INTEGER		
The version of the dime	nsional entity when SCD history is enabled.			
date_from	date_from	TIMESTAMP		
The date from the dimer	nsional entity is active when SCD history is enabled.			
date_to	date_to	TIMESTAMP		
The date to the dimension	onal entity is active when SCD history is enabled.			
payment_type_crc_id	payment_type_crc_id	BIGINT		
A generated CRC nume	ric code representing the text description PK in busin	ness model. For optimization	purposes.	

payment_type_name	payment_type_name	VARCHAR(50)	
The description of the din	nensional entity.		
payment_type_group	payment_type_group	VARCHAR(20)	
Value of the payment_typ	e_group for the dimensional entity.		
created	created	TIMESTAMP	
Date when the row was in	itially added to the dimension.		
Referenced By			

• fact transaction referencing (id)

## dim\_person (Physical Name: dim\_person)

_ogica	l Column Name	Physical Column Name	Туре	PK	Nullable
d (PK)		id	BIGINT	PK	NOT NULL
	PK of the dimensioanl table. (business PK entity) may ap	Is a Surrogate Key for the dimensional entity. We pear several times.	hen SCD is enabled the sam	e entity	
erson_p	ok	person_pk	BIGINT		
		el, the unique identifier of the dimensional entity is a entity could appear several times, keeping track			
arent_c	ompany_pk	parent_company_pk	BIGINT		
		el, the unique identifier of the dimensional entity is entity could appear several times, keeping track			
ull_nan	ne	full_name	VARCHAR(255)		
,	The description of the dimer	sional entity.			
ender		gender	VARCHAR(11)		
,	Value of the gender for the d	imensional entity.			
narital_	status	marital_status	VARCHAR(50)		
,	Value of the marital_status for	or the dimensional entity.			
irth_da	te	birth_date	TIMESTAMP		
,	Value of the birth_date for th	ne dimensional entity.			
ity		city	VARCHAR(50)		
,	Value of the city for the dime	ensional entity.			
ip		zip	VARCHAR(20)		
-	Value of the zip for the dime	ensional entity.			
tate		state	VARCHAR(50)		
,	Value of the state for the dim	nensional entity.			
mail		email	VARCHAR(512)		
,	Value of the email for the di	mensional entity.	,		
s_patier		is_patient	BIT		
•	Indicates if is_patient for the	*			
s_emplo		is_employee	BIT		
-	Indicates if is_employee for	_ 1 *			
s_payer		is_payer	BIT		
	Indicates if is_payer for the		211		
hone		phone	VARCHAR(255)		
	Value of the phone for the di		VARCHAR(255)		
irst_nan		first_name	VARCHAR(255)		
_	The description of the dimer	<del>-</del>	VARCHAR(255)		
niddle_i	*	middle_name	VARCHAR(255)		
_	The description of the dimer	_	VARCHAR(255)		
ast_nan		last_name	VARCHAR(255)		
_	The description of the dimen	_	VARCHAR(233)		
	The description of the diffici	<u> </u>	VADCHAD(50)		
itle	V-1 £ 41 4'41- £ 41 1'	title	VARCHAR(50)		
	Value of the title for the dim	<u> </u>	THE GITTE (40)		
reeting		greeting	VARCHAR(20)		
	Value of the greeting for the	•			
sn		ssn	VARCHAR(11)		
	Value of the ssn for the dime	<u> </u>			
ddress		address	LONGVARCHA	R	
•	Value of the address for the	dimensional entity.			
	created_date		TIMESTAMP		NOT NULL

person_updated_date	person_updated_date	TIMESTAMP	NOT NULL
Value of the person_up	dated_date for the dimensional entity.		
dwh_created	dwh_created	TIMESTAMP	NOT NULL
Value of the dwh_creat	ed for the dimensional entity.		
dwh_updated	dwh_updated	TIMESTAMP	NOT NULL
Value of the dwh_upda	ted for the dimensional entity.		

### Referenced By

- <u>fact\_payment\_plan\_invoice</u> referencing (id)
   <u>fact\_transaction</u> referencing (id)
   <u>fact\_declined\_payment</u> referencing (id)

### dim\_person\_payer (Physical Name: dim\_person\_payer)

Logica	al Column Name	Physical Column Name	Type	PK	Nullable
id		id	BIGINT		NOT NULL
	PK of the dimensioanl table. (business PK entity) may app	Is a Surrogate Key for the dimensional entity. Vear several times.	When SCD is enabled the same en	tity	
parent_	company_pk	parent_company_pk	BIGINT		
		l, the unique identifier of the dimensional entity entity could appear several times, keeping track			
person_	The PK in the business mode	person_pk  1, the unique identifier of the dimensional entity entity could appear several times, keeping track			
full_na	me	full_name	VARCHAR(255)		
	The description of the dimens	sional entity.			
gender		gender	VARCHAR(11)		
	Value of the gender for the di	mensional entity.			
marital <sub>.</sub>	_status	marital_status	VARCHAR(50)		
	Value of the marital_status fo	r the dimensional entity.			
birth_d	ate	birth_date	TIMESTAMP		
	Value of the birth_date for the	e dimensional entity.			
city		city	VARCHAR(50)		
	Value of the city for the dime	nsional entity.			
zip	Value of the zip for the dimer	zip nsional entity.	VARCHAR(20)		
state		state	VARCHAR(50)		
	Value of the state for the dime	ensional entity.			
email		email	VARCHAR(512)		
	Value of the email for the din	nensional entity.			
is_patie	ent	is_patient	BIT		
	Indicates if is_patient for the	dimensional entity.			
is_emp	loyee	is_employee	BIT		
	Indicates if is_employee for t	he dimensional entity.			
phone		phone	VARCHAR(255)		
	Value of the phone for the dia	mensional entity.			
first_na	me	first_name	VARCHAR(255)		
	The description of the dimens	sional entity.			
middle_	_name	middle_name	VARCHAR(255)		
	The description of the dimens	sional entity.			
last_na	me	last_name	VARCHAR(255)		
	The description of the dimens	sional entity.			
title		title	VARCHAR(50)		
	Value of the title for the dime	nsional entity.			
greeting	g	greeting	VARCHAR(20)		
	Value of the greeting for the	dimensional entity.			
ssn		ssn	VARCHAR(11)		
	Value of the ssn for the dimer	nsional entity.			
address	<b>.</b>	address	LONGVARCHAR		
	Value of the address for the d	imensional entity.			
person_	_created_date	person_created_date	TIMESTAMP		NOT NULL
		date for the dimensional entity.			
	_updated_date	person_updated_date	TIMESTAMP		NOT NULL

dwh_created	pdated_date for the dimensional entity.  dwh_created	TIMESTAMP	NOT NULL
Value of the dwh_crea	ted for the dimensional entity.		
dwh_updated	dwh_updated	TIMESTAMP	NOT NULL
Value of the dwh_upd	ated for the dimensional entity.		

## dim\_provider (Physical Name: dim\_provider)

Logical Column Name	Physical Column Name	Type	PK	Nullable
d	id	BIGINT		NOT NULL
PK of the dimensioanl table. I (business PK entity) may appear	s a Surrogate Key for the dimensional entity. Whear several times.	en SCD is enabled the sar	me entity	
version	version	INTEGER		
The version of the dimensional	al entity when SCD history is enabled.			
late_from	date_from	TIMESTAMP		
The date from the dimensional	l entity is active when SCD history is enabled.			
late_to	date_to	TIMESTAMP		
	ntity is active when SCD history is enabled.			
employment_contract_pk	employment_contract_pk	BIGINT		
The PK in the business model	, the unique identifier of the dimensional entity in entity could appear several times, keeping track of			ty
person_pk	person_pk	BIGINT		
The PK in the business model	, the unique identifier of the dimensional entity in entity could appear several times, keeping track of	the business model. If th		ty
parent_company_pk	parent_company_pk	BIGINT		
	, the unique identifier of the dimensional entity in entity could appear several times, keeping track of			ty
ob_status	job_status	VARCHAR(100	))	
Value of the job_status for the	· ·	,	•	
ob_class	job_class	VARCHAR(100	))	
Value of the job_class for the	·		,	
ob_title	job_title	VARCHAR(100	))	
Value of the job_title for the d	· ·	,, <u>m.c.m.m.</u> (100	• •	
s_provider  Indicates if is_provider for the	is_provider	BIT		
s_assistant	is_assistant	BIT		
_	_	DII		
Indicates if is_assistant for the	<u> </u>	TIMECTAMD		
contract_start_date	contract_start_date	TIMESTAMP		
Value of the contract_start_da	· · · · · · · · · · · · · · · · · · ·	TED (FOTE A D		
contract_end_date	contract_end_date	TIMESTAMP		
Value of the contract_end_date	<u> </u>			
numan_id	human_id	VARCHAR(30)		
Value of the human_id for the	· · · · · · · · · · · · · · · · · · ·			
ull_name	full_name	VARCHAR(255	5)	
The description of the dimensi	*			
gender	gender	VARCHAR(11)		
Value of the gender for the dir	<u> </u>			
marital_status	marital_status	VARCHAR(255	5)	
Value of the marital_status for	*			
pirth_date	birth_date	TIMESTAMP		
Value of the birth_date for the	dimensional entity.			
eity	city	VARCHAR(255	5)	
Value of the city for the dimer	nsional entity.			
ip	zip	VARCHAR(255	5)	
Value of the zip for the dimens	sional entity.			
state	state	VARCHAR(255	5)	
Value of the state for the dime	nsional entity.			
zip_code_id	zip_code_id	BIGINT		
Value of the zip_code_id for the	he dimensional entity.			
created_from	created_from	VARCHAR(30)		
Value of the created_from for	=			

## dim\_refund\_type (Physical Name: dim\_refund\_type)

Logical Column Name	Physical Column Name	Туре	PK	Nullable
id (PK)	id	BIGINT	PK	NOT NULL
PK of the dimensioanl ta (business PK entity) may	able. Is a Surrogate Key for the dimensional entity. Wy appear several times.	hen SCD is enabled the sam	e entity	
version	version	INTEGER		
The version of the dimer	nsional entity when SCD history is enabled.			
date_from	date_from	TIMESTAMP		
The date from the dimer	asional entity is active when SCD history is enabled.			
date_to	date_to	TIMESTAMP		
The date to the dimension	onal entity is active when SCD history is enabled.			
refund_type_crc_id	refund_type_crc_id	BIGINT		
A generated CRC numer	ric code representing the text description PK in busine	ess model. For optimization	purposes.	
refund_type_name	refund_type_name	VARCHAR(50)		
The description of the di	imensional entity.			
created	created	TIMESTAMP		

# dim\_retail\_item (Physical Name: dim\_retail\_item)

• fact transaction referencing (id)

Referenced By

Logical Column Name	Physical Column Name	Type	PK	Nullable
id (PK)	id	BIGINT	PK	NOT NULL
PK of the dimensioanl table (business PK entity) may ap	. Is a Surrogate Key for the dimensional entity. W pear several times.	hen SCD is enabled the san	ne entity	
version	version	INTEGER		
The version of the dimension	nal entity when SCD history is enabled.			
date_from	date_from	TIMESTAMP		
The date from the dimension	nal entity is active when SCD history is enabled.			
date_to	date_to	TIMESTAMP		
The date to the dimensional	entity is active when SCD history is enabled.			
retail_item_crc_id	retail_item_crc_id	BIGINT		
A generated CRC numeric c	ode representing the text description PK in busine	ess model. For optimization	purposes.	
retail_item_name	retail_item_name	VARCHAR(255	)	
The description of the dimer	nsional entity.			
created	created	TIMESTAMP		

## Referenced By

• fact transaction referencing (id)

## dim\_subscriber (Physical Name: dim\_subscriber)

Logical Column Name	Physical Column Name	Туре	PK	Nullable
id (PK)	id	BIGINT	PK	NOT NULL
	I table. Is a Surrogate Key for the dimensional entity. We may appear several times.	hen SCD is enabled the sar	ne entity	
version	version	INTEGER		
The version of the din	nensional entity when SCD history is enabled.			
date_from	date_from	TIMESTAMP		
The date from the dim	nensional entity is active when SCD history is enabled.			
date_to	date_to	TIMESTAMP		
The date to the dimen	sional entity is active when SCD history is enabled.			
subscriber pk	subscriber pk	BIGINT		

The PK in the business model, the unique identifier of the dimensional entity in the business model. If the SCD is activated the same PK for an entity could appear several times, keeping track of changes in some of the dimensional entity attributes.

subscriber name Subscriber name VARCHAR(255)

The description of the dimensional entity.

created created TIMESTAMP

Date when the row was initially added to the dimension.

#### Referenced By

• fact patient insurance referencing (id)

#### dim\_transaction\_type (Physical Name: dim\_transaction\_type)

Logical Column Name	Physical Column Name	Type	PK	Nullable
id (PK)	id	BIGINT	PK	NOT NULL
PK of the dimensioanl table	. Is a Surrogate Key for the dimensional entity. W	hen SCD is enabled the sar	ne entity	
(business PK entity) may ap		nen god is emacied the sai	no entity	
(business PK entity) may ap		VARCHAR(50)		
(business PK entity) may ap transaction_type	ppear several times.			

Date when the row was initially added to the dimension.

#### Referenced By

• fact transaction referencing (id)

#### dim\_transaction\_type\_category (Physical Name: dim\_transaction\_type\_category)

Logical Column Name	Physical Column Name	Type	PK	Nullable
d	id	BIGINT		
PK of the dimensioanl	table. Is a Surrogate Key for the dimensional entity. W	hen SCD is enabled the sam	e entity	
(business PK entity) m	ay appear several times.			
(business PK entity) m	transaction_type_category	VARCHAR(50)		
ransaction_type_category	* 11	VARCHAR(50)		

### Referenced By

• fact transaction referencing (id)

### dim\_treatment\_plan (Physical Name: dim\_treatment\_plan)

Logical Column Name	Physical Column Name	Туре	PK	Nullable
id (PK)	id	BIGINT	PK	NOT NULL
	I table. Is a Surrogate Key for the dimensional entity. Inay appear several times.	When SCD is enabled the same	entity	
name	name	VARCHAR(255)		NOT NULL
Value of the name for	the dimensional entity.			
group_name	group_name	VARCHAR(255)		NOT NULL
The description of the	dimensional entity.			
created	created	TIMESTAMP		NOT NULL
Data and an the manner	and the fact of the control of the c			

Date when the row was initially added to the dimension.

#### Referenced By

- fact appointment referencing (id)
- fact nps feedback referencing (id)
- fact payment plan invoice referencing (id)
- <u>fact transaction</u> referencing (id)
- <u>fact nps request</u> referencing (id)
- <u>fact declined payment</u> referencing (id)
- <u>fact new patient treatment</u> referencing (id)

## dim\_zip\_geo\_location (Physical Name: dim\_zip\_geo\_location)

Logical Column Name	Physical Column Name	Туре	PK	Nullable
id (PK)	id	BIGINT	PK	NOT NULL
	anl table. Is a Surrogate Key for the dimensional entity may appear several times.	. When SCD is enabled the same e	entity	
zip_code	zip_code	INTEGER		
Value of the zip_coo	de for the dimensional entity.			
zip_code_type	zip_code_type	VARCHAR(100)		
Value of the zip_coo	de_type for the dimensional entity.			
city	city	VARCHAR(255)		
Value of the city for	the dimensional entity.			
state	state	VARCHAR(255)		
Value of the state fo	r the dimensional entity.			
location_type	location_type	VARCHAR(255)		
Value of the location	n_type for the dimensional entity.			
geo_lat	geo_lat	DECIMAL(20,8)		
Value of the geo_lat	for the dimensional entity.			
geo_long	geo_long	DECIMAL(20,8)		
Value of the geo_lor	ng for the dimensional entity.			
location_txt	location_txt	VARCHAR(255)		
Value of the location	n_txt for the dimensional entity.			
location	location	VARCHAR(255)		
Value of the location	n for the dimensional entity.			
created	created	TIMESTAMP		NOT NULL

## fact\_appointment (Physical Name: fact\_appointment)

Contains all the appointments created for a patient. Are included scheduled and non-sheduled appointmets, and keeping track of the different changes over the appointments (scheduling, rescheduling, cancelling, ...). The PK of the table consists in the tuple (appointment\_pk, appointment\_booking\_pk), if the appointment has not booked the value for the second field is 0.

Logical Column Name	Physical Column Name	Type	PK	Nullable
appointment_pk (PK)	appointment_pk	BIGINT	PK	NOT NULL
PK. Appointment ID corresponde	ent to the primary key of the appointments table	e in the business model.		
appointment_booking_pk (PK)	appointment_booking_pk	BIGINT	PK	NOT NULL
PK. Appointment Booking ID co	rrespondent to the primary key of the appointment	nent_bookings table in the b	usiness mode	el.
parent_company_pk	parent_company_pk	BIGINT		NOT NULL
Parent company ID owner of the	transaction row.			
location_id (FK)	location_id	BIGINT		NOT NULL
Surrogate key for the location dir	nension. FK of dim_location.id.			
patient_id ( <u>FK</u> )	patient_id	BIGINT		NOT NULL
Surrogate key for the patient dime	ension. FK of dim_patient.id.			
treatment_plan_id ( <u>FK</u> )	treatment_plan_id	BIGINT		NOT NULL
Surrogate key for the treatemt pla	an dimension. FK of dim_treatment.id.			
appointment_type_id ( <u>FK</u> )	appointment_type_id	BIGINT		NOT NULL
Surrogate key for the appointment	t type dimension. FK of dim_appointment_typ	e.id.		
appointment_type_category_id ( <u>FK</u> )	appointment_type_category_id	BIGINT		NOT NULL
Surrogate key for the appointment of the appointment types.	at type category dimension. FK of dim_appoint	ment_type_category.id. It"s	a super grou	p
appointment_duration	appointment_duration	SMALLINT		NOT NULL
Duration of. the appointment, in	minutes.			
is_booking	is_booking	BIT		NOT NULL
Indicates if the current appointme yet).	ent row is booked (not booked appoinment mea	ans the appointment has not	scheduled da	te
is_last_booking	is_last_booking	BIT		NOT NULL
	ent booking is the last valid booking. An appoint ges, last booking is the current valid appointme		oking over	
is_rescheduled	is_rescheduled	BIT		NOT NULL
Indicates is the current appointment	ent booking was previously rescheduled.			
chair_id (FK)	chair id	BIGINT		NOT NULL

provider_id ( <u>FK</u> )	provider_id	BIGINT	NOT NULL
Surrogate key for the provider di dim_provider.id.	mension, when the appointment has been sche	eduled and a provider assigned. FK	of
assistant_id ( <u>FK</u> )	assistant_id	BIGINT	NOT NULL
Surrogate key for the assistant di dim_assistant.id.	mension, when the appointment has been sche	duled and a assistant assigned. FK	of
seated_location_id ( <u>FK</u> )	seated_location_id	BIGINT	NOT NULL
Surrogate key for the location wh FK of dim_location.id.	nere the patient finally was "seated", could be o	different from the treatment main lo	cation.
appt_confirmation_status_id (FK)	appt_confirmation_status_id	BIGINT	NOT NULL
Surrogate key for the confirmation	on status dimension. FK of dim_appt_confirma	ation_status.id.	
appointment_status_id ( <u>FK</u> )	appointment_status_id	BIGINT	NOT NULL
Surrogate key for the appointment	nt status dimension. FK of dim_appointment_s	status.id.	
is_appointment_widget	is_appointment_widget	BIT	NOT NULL
Indicates if the patient was created	ed from the appointment widget tool.		
appointment_created_date	appointment_created_date	TIMESTAMP	NOT NULL
Date indicating when the appoint	tment was initially created. Timezone UTC.		
appointment_updated_date	appointment_updated_date	TIMESTAMP	NOT NULL
Date indicating when the appoint	ment (or appointment booking) was last modified	fied created. Timezone UTC.	
appointment_scheduled_date	appointment_scheduled_date	TIMESTAMP	
Date indicating the sheduled date	e and time of the appointment. Timezone UTC		
broken_brackets	broken_brackets	SMALLINT	
Indicates the number of broken b	rackets filled out by the assistant in the appoin	ntment card, when available.	
dwh_created	dwh_created	TIMESTAMP	NOT NULL
Control field indicates when the	row was inserted in the dwh. Timezone UTC.		
dwh_updated	dwh_updated	TIMESTAMP	NOT NULL
Control field indicates when the	row was updated in the dwh. Timezone UTC.		

- <u>dim chair</u> through (chair\_id)

- dim\_patient through (patient\_id)
  dim\_patient through (patient\_id)
  dim\_appt\_confirmation\_status through (appt\_confirmation\_status\_id)
  dim\_appointment\_type\_category\_through (appointment\_type\_category\_id)
  dim\_employee through (assistant\_id)
- <u>dim employee</u> through (provider\_id)
- dim appointment status through (appointment\_status\_id)
- dim treatment plan through (treatment\_plan\_id)
- dim appointment type through (appointment\_type\_id)
- dim location through (location\_id)
  dim location through (seated\_location\_id)

### fact\_appointment\_booking (Physical Name: fact\_appointment\_booking)

Contains all the scheduled (booked) appointments for a patient, keeping track of the different changes over the appointments.

Logical Column Name	Physical Column Name	Type	PK	Nullable
appointment_pk	appointment_pk	BIGINT		NOT NULL
PK. Appointment ID correspon	dent to the primary key of the appointments table	e in the business model.		
appointment_booking_pk	appointment_booking_pk	BIGINT		NOT NULL
PK. Appointment Booking ID	correspondent to the primary key of the appointment	nent_bookings table in the bu	usiness mode	el.
parent_company_pk	parent_company_pk	BIGINT		NOT NULL
Parent company ID owner of the	ne transaction row.			
location_id	location_id	BIGINT		NOT NULL
Surrogate key for the location of	dimension. FK of dim_location.id.			
patient_id	patient_id	BIGINT		NOT NULL
Surrogate key for the patient di	mension. FK of dim_patient.id.			
treatment_plan_id	treatment_plan_id	BIGINT		NOT NULL
Surrogate key for the treatemt	plan dimension. FK of dim_treatment.id.			
appointment_type_id	appointment_type_id	BIGINT		NOT NULL
Surrogate key for the appointment	ent type dimension. FK of dim_appointment_typ	e.id.		
appointment_type_category_id	appointment_type_category_id	BIGINT		NOT NULL
Surrogate key for the appointment types.	ent type category dimension. FK of dim_appoint	ment_type_category.id. It"s	a super grou	p
chair_id	chair_id	BIGINT		NOT NULL

provider_id	provider_id	BIGINT	NOT NULL
Surrogate key for the provider dim_provider.id.	dimension, when the appointment has been sched	duled and a provider assigned. FK	of
assistant_id	assistant_id	BIGINT	NOT NULL
Surrogate key for the assistant dim_assistant.id.	t dimension, when the appointment has been scheo	duled and a assistant assigned. FK	of
seated_location_id	seated_location_id	BIGINT	NOT NULL
Surrogate key for the location FK of dim_location.id.	where the patient finally was "seated", could be d	ifferent from the treatment main lo	cation.
appt_confirmation_status_id	appt_confirmation_status_id	BIGINT	NOT NULL
Surrogate key for the confirma	ation status dimension. FK of dim_appt_confirmat	ion_status.id.	
appointment_status_id	appointment_status_id	BIGINT	NOT NULL
Surrogate key for the appoints	ment status dimension. FK of dim_appointment_st	atus.id.	
is_appointment_widget	is_appointment_widget	BIT	NOT NULL
Indicates if the patient was cre	eated from the appointment widget tool.		
appointment_duration	appointment_duration	SMALLINT	NOT NULL
Duration of. the appointment,	in minutes.		
is_rescheduled	is_rescheduled	BIT	NOT NULL
Indicates is the current appoin	tment booking was previously rescheduled.		
appointment_created_date	appointment_created_date	TIMESTAMP	NOT NULL
Date indicating when the appo	pintment was initially created. Timezone UTC.		
appointment_updated_date	appointment_updated_date	TIMESTAMP	NOT NULL
Date indicating when the appo	pintment (or appointment booking) was last modifi	ied created. Timezone UTC.	
appointment_scheduled_date	appointment_scheduled_date	TIMESTAMP	
Date indicating the sheduled of	late and time of the appointment. Timezone UTC.		
broken_brackets	broken_brackets	SMALLINT	
Indicates the number of broke	n brackets filled out by the assistant in the appoint	ment card, when available.	
dwh_created	dwh_created	TIMESTAMP	NOT NULL
Control field indicates when the	he row was inserted in the dwh. Timezone UTC.		
dwh_updated	dwh_updated	TIMESTAMP	NOT NULL

## fact\_appointment\_state\_change (Physical Name: fact\_appointment\_state\_change)

Contains all the status changes suffered over time by a booked appointment.

Logical Column Name	Physical Column Name	Туре	PK	Nullable
appointment_pk (PK)	appointment_pk	BIGINT	PK	NOT NULL
PK. Appointment ID correspondent to	the primary key of the appointments table in	the business model.		
appointment_booking_pk (PK)	appointment_booking_pk	BIGINT	PK	NOT NULL
PK. Appointment Booking ID correspondent	ondent to the primary key of the appointment	_bookings table in the bu	isiness mode	1.
appointment_booking_state_change_pk (PK)	appointment_booking_state_change_pk	BIGINT	PK	NOT NULL
PK. Appointment Booking State Chan table in the business model.	ge ID correspondent to the primary key of the	e appointment_booking_	state_change	·s
parent_company_pk	parent_company_pk	BIGINT		NOT NULL
Parent company ID owner of the trans-	action row.			
location_id ( <u>FK</u> )	location_id	BIGINT		NOT NULL
Surrogate key for the location dimensi	on. FK of dim_location.id.			
patient_id ( <u>FK</u> )	patient_id	BIGINT		NOT NULL
Surrogate key for the patient dimensio	n. FK of dim_patient.id.			
appointment_type_id ( <u>FK</u> )	appointment_type_id	BIGINT		NOT NULL
Surrogate key for the appointment type	e dimension. FK of dim_appointment_type.id	l.		
appointment_type_category_id (FK)	appointment_type_category_id	BIGINT		NOT NULL
Surrogate key for the appointment type of the appointment types.	e category dimension. FK of dim_appointmen	nt_type_category.id. It'''s	a super grou	ıp
appointment_previous_status_id ( <u>FK</u> )	appointment_previous_status_id	BIGINT		NOT NULL
Surrogate key for the previous appoint	ment status dimension. FK of dim_appointme	ent_status.id.		
appointment_current_status_id (FK)	appointment_current_status_id	BIGINT		NOT NULL
Surrogate key for the current appointm	nent status dimension. FK of dim_appointmen	nt_status.id.		
appointment_state_changed_date	appointment_state_changed_date	TIMESTAMP		NOT NULL
Date when appointment status was cha	nged. Timezone UTC.			
appointment_scheduled_date	appointment_scheduled_date	TIMESTAMP		NOT NULL
Scheduled date of the appointment. Ti	mezone UTC.			
employee_id	employee_id	BIGINT		NOT NULL

is appointment widget	is_appointment_widget	BIT	NOT NULL
= 11 = 6	vas created from the appointment widget tool.		
is_migrated	is_migrated	BIT	NOT NULL
Indicates if the status ch	anged was created by the conversion process, from a	migration for a new customer.	
dwh_created	dwh_created	TIMESTAMP	
Control field indicating	when the row was inserted in the dwh. Timezone UT	C.	
dwh_updated	dwh_updated	TIMESTAMP	
Control field indicating	when the row was updated in the dwh. Timezone UT	C.	

- dim\_patient through (patient\_id)
   dim\_appointment\_type\_category through (appointment\_type\_category\_id)
   dim\_appointment\_status through (appointment\_current\_status\_id)
- dim appointment status through (appointment\_previous\_status\_id)
- dim appointment type through (appointment\_type\_id)
   dim location through (location\_id)

## fact\_declined\_payment (Physical Name: fact\_declined\_payment)

Contains all the declined payments (mainly ACH autopayments) made by a private payer account. We get all the autopayments when status changes to DECLINED.

Logical Column Name	Physical Column Name	Туре	PK	Nullable
autopay_invoice_change_pk (PK)	autopay_invoice_change_pk	BIGINT	PK	NOT NULL
PK. Autopayment Invoice Char	ige ID correspondent to the autopay_invoice_chang	es table in the business mo	del,	
parent_company_pk	parent_company_pk	BIGINT		NOT NULL
Parent company ID owner of the	e transaction row.			
location_id (FK)	location_id	BIGINT		NOT NULL
Surrogate key for the location d	imension. FK of dim_location.id.			
patient_id ( <u>FK</u> )	patient_id	BIGINT		NOT NULL
Surrogate key for the patient dir	mension. FK of dim_patient.id.			
treatment_plan_id (FK)	treatment_plan_id	BIGINT		NOT NULL
Surrogate key for the treatemt p	lan dimension. FK of dim_treatment.id.			
payer_person_id ( <u>FK</u> )	payer_person_id	BIGINT		NOT NULL
For private accounts.Surrogate	key for the person payer dimension. FK of dim_pers	son.id.		
declined_payment_date	declined_payment_date	TIMESTAMP		NOT NULL
Date when the payment was set	as DECLINED.			
declined_payment_reason	declined_payment_reason	VARCHAR(30)		
Reason why the payment was d	eclined. Plain text description.			
payment_human_id	payment_human_id	VARCHAR(20)		NOT NULL
Payment Human ID in the busin	ness model (for testing and optimization purposes).			
payment_amount	payment_amount	DECIMAL(19,2)		NOT NULL
Payment amount declined.				
payment_method	payment_method	VARCHAR(20)		NOT NULL
Description of the method to ma	ade the payment (mainly ACH).			
is_payment_correction	is_payment_correction	BIT		NOT NULL
Indicates if the payment has a co	orrection amount.			
is_payment_refund	is_payment_refund	BIT		NOT NULL
Indicates if the payment has bee	en refund.			
receivable_human_id	receivable_human_id	VARCHAR(20)		NOT NULL
Invoice Human ID in the busine	ess model (for testing and optimization purposes).			
receivable_due_date	receivable_due_date	DATE		NOT NULL
Invoice due date where the pays	ment was applied.			
receivable_realization_date	receivable_realization_date	DATE		NOT NULL
Invoice realization date where to	he payment was applied.			
receivable_autopay_date	receivable_autopay_date	DATE		NOT NULL
Invoice autopay date where the executed.	payment was applied. The autopay date is the date	when an autopayment has t	o be	
previous_payment_status	previous_payment_status	VARCHAR(30)		
The previous state of the autopa	yment.			
treatment_status	treatment_status	VARCHAR(30)		
Description of the current patien	nt treatment status.			
payer_gender	payer_gender	VARCHAR(11)		

payer_marital_status	payer_marital_status	VARCHAR(20)	
Indicates the marital stat	us of the payer.		
payer_age	payer_age	SMALLINT	
Indicates the age of the r	nayer when the payment was declined.		
payer_relationship	payer_relationship	VARCHAR(20)	
Indicates the relationship	between payer and patient.		
dwh_created	dwh_created	TIMESTAMP	NOT NULL
Control field indicating v	when the row was inserted in the dwh. Timezone UTC.		
dwh_updated	dwh_updated	TIMESTAMP	NOT NULL

- dim\_person through (payer\_person\_id)
   dim\_patient through (patient\_id)
   dim\_treatment\_plan through (treatment\_plan\_id)
   dim\_location through (location\_id)

### fact\_financial\_production (Physical Name: fact\_financial\_production)

Contains all the transactions involved in the financial production indicators.

Logical Column Name	Physical Column Name	Туре	PK Nullable
transaction_pk	transaction_pk	BIGINT	NOT NULL
	ndent to the primary key of the transactions table		
payment_pk	payment_pk	BIGINT	NOT NULL
	ent to the primary key of the payments table in the	business model.	
parent_company_pk	parent_company_pk	BIGINT	NOT NULL
Parent company ID owner of			
location_id	location_id	BIGINT	NOT NULL
	n dimension. FK of dim_location.id.		
patient_id	patient_id	BIGINT	NOT NULL
	dimension. FK of dim_patient.id.		
patient_human_id	patient_human_id	VARCHAR(20)	NOT NULL
Patient Human ID for the pat	tient in the business model,		
treatment_plan_id	treatment_plan_id	BIGINT	NOT NULL
	nt plan dimension. FK of dim_treatment.id.		
payer_id	payer_id	BIGINT	NOT NULL
For private accounts.Surroga	te key for the person payer dimension. FK of dim	_person.id.	
insurance_company_id	insurance_company_id	BIGINT	NOT NULL
For Insurance accounts. Surr	ogate key for the insurance company dimension.	FK of dim_insurance_company.id.	
transaction_effective_date	transaction_effective_date	TIMESTAMP	NOT NULL
Date when the transaction ha	s effect. Timezone UTC,		
transaction_type_id	transaction_type_id	BIGINT	NOT NULL
Surrogate key for the transac	tion type dimension. FK of dim_transasction_type	e.id.	
transaction_type	transaction_type	VARCHAR(50)	NOT NULL
Description of the transaction	n type. Corresponent to the dim_transaction_type.		_
transaction_type_category_id	transaction_type_category_id	BIGINT	NOT NULL
	tion type category dimension. FK of dim_transasor types more related to business rules.	ction_type_category.id. It's a high l	evel
transaction_type_category	transaction_type_category	VARCHAR(50)	NOT NULL
Description of the transaction optimization purposes).	n type category. Corresponent to the dim_transact	ion_type_category.name (included	for
transaction_amount_applied	transaction_amount_applied	DECIMAL(19,2)	NOT NULL
Transaction amount applied.	This amount affects the due amount.		
transaction_amount_balance	transaction_amount_balance	DECIMAL(19,2)	NOT NULL
Transaction amount balance.	This amount affects the balance amount.		
transaction_amount	transaction_amount	DECIMAL(19,2)	
Transacion amount. Correspo	onding to the source amount in the business mode	l (only for validation purposes).	
transaction_created_date	transaction_created_date	TIMESTAMP	NOT NULL
Date indicating when the tran	nsaction was initially created. Timezone UTC.		
transaction_updated_date	transaction_updated_date	TIMESTAMP	NOT NULL
	nsaction was last modified Timezone UTC.		
receivable_human_id	receivable_human_id	VARCHAR(20)	
	the transaction exists, indicate the Invoice Human		

eceivable_realization_date	receivable_realization_date	DATE	
When a receivable related	to the transaction exists, indicate the realization dat	e of the invoice.	
discount_type_id	discount_type_id	BIGINT	NOT NULL
When a discount transaction	on, a surrogate key for the discount type dimension.	FK of dim_discount_type.id.	
miscellaneous_charge_id	miscellaneous_charge_id	BIGINT	NOT NULL
	rge transaction, a surrogate key for the miscellaneo	us charge dimension. FK of	
dim_miscellaneous_charge	7.1U.		
retail_item_id	retail_item_id	BIGINT	NOT NULL
retail_item_id			NOT NULL
retail_item_id	retail_item_id		NOT NULL
retail_item_id  When a retail item charge t is_production	retail_item_id transaction, a surrogate key for the retail item dime	nsion. FK of dim_retail_item.id.	NOT NULL
retail_item_id  When a retail item charge t is_production	retail_item_id transaction, a surrogate key for the retail item dime is_production	nsion. FK of dim_retail_item.id.	NOT NULL
retail_item_id  When a retail item charge t is_production  Indicates if the transaction dwh_created	retail_item_id transaction, a surrogate key for the retail item dime is_production affects the production metrics	nsion. FK of dim_retail_item.id.  BIT  TIMESTAMP	

## fact\_new\_patient\_treatment (Physical Name: fact\_new\_patient\_treatment)

Contains all the new patients treatment was created for a new location.

Logical Column Name	Physical Column Name	Туре	PK Nullable
reatment_pk (PK)	treatment_pk	BIGINT	PK NOT NULL
PK. Treatment ID corresponde	ent to the primary key of the txs table in the busin	ess model.	
parent_company_pk	parent_company_pk	BIGINT	NOT NULL
Parent company ID owner of	the transaction row.		
location_id ( <u>FK</u> )	location_id	BIGINT	NOT NULL
Surrogate key for the location	dimension. FK of dim_location.id.		
patient_id ( <u>FK</u> )	patient_id	BIGINT	NOT NULL
Surrogate key for the patient of	dimension. FK of dim_patient.id.		
patient_gender	patient_gender	VARCHAR(11)	
Indicates the gender of the pat	tient. MALE/FEMALE.		
patient_age	patient_age	TINYINT	
Indicates the age of the patien	t when was added as new patient.		
treatment_plan_id ( <u>FK</u> )	treatment_plan_id	BIGINT	NOT NULL
Surrogate key for the treatemt	plan dimension. FK of dim_treatment.id.		
treatment_status	treatment_status	VARCHAR(30)	NOT NULL
Indicates the current status of	the treatment plan.		
provider_id ( <u>FK</u> )	provider_id	BIGINT	NOT NULL
Surrogate key for the provider dim_provider.id.	r dimension, when a patient was created a patient	could be assigned to this patient. l	FK of
appointment_type_id ( <u>FK</u> )	appointment_type_id	BIGINT	NOT NULL
11 = 31 = -		DIGITI	110111022
	t type dimension, is the type of the first appointment		
Surrogate key for appointmen	t type dimension, is the type of the first appointment_first_appointment_date		
Surrogate key for appointmen dim_appointment_type.id.  first_appointment_date		ent, usually a New Patient Exam.	
Surrogate key for appointmen dim_appointment_type.id.  first_appointment_date	first_appointment_date	ent, usually a New Patient Exam.	
Surrogate key for appointmen dim_appointment_type.id.  first_appointment_date  The scheduled date of the first	first_appointment_date t appointment. Timezone UTC. estimated_treatment_start_date	ent, usually a New Patient Exam.  TIMESTAMP	
Surrogate key for appointmen dim_appointment_type.id.  first_appointment_date  The scheduled date of the first estimated_treatment_start_date	first_appointment_date t appointment. Timezone UTC. estimated_treatment_start_date	ent, usually a New Patient Exam.  TIMESTAMP	
Surrogate key for appointmen dim_appointment_type.id.  first_appointment_date  The scheduled date of the first estimated_treatment_start_date  Date for the estimated treatment.	first_appointment_date t appointment. Timezone UTC. estimated_treatment_start_date ent start. estimated_treatment_end_date	TIMESTAMP  TIMESTAMP	
Surrogate key for appointmen dim_appointment_type.id.  first_appointment_date  The scheduled date of the first estimated_treatment_start_date  Date for the estimated treatment estimated_treatment_end_date	first_appointment_date t appointment. Timezone UTC. estimated_treatment_start_date ent start. estimated_treatment_end_date	TIMESTAMP  TIMESTAMP	
Surrogate key for appointmen dim_appointment_type.id.  first_appointment_date  The scheduled date of the first estimated_treatment_start_date  Date for the estimated treatment estimated_treatment_end_date  Date for the estimated treatment treatment estimated treatment.	first_appointment_date t appointment. Timezone UTC.	TIMESTAMP  TIMESTAMP  TIMESTAMP	
Surrogate key for appointmen dim_appointment_type.id.  first_appointment_date  The scheduled date of the first estimated_treatment_start_date  Date for the estimated treatment estimated_treatment_end_date  Date for the estimated treatment treatment_approval_appt_date	first_appointment_date t appointment. Timezone UTC.	TIMESTAMP  TIMESTAMP  TIMESTAMP	
Surrogate key for appointmen dim_appointment_type.id.  first_appointment_date  The scheduled date of the first estimated_treatment_start_date  Date for the estimated treatment estimated_treatment_end_date  Date for the estimated treatment treatment_approval_appt_date  Date when the treatment was a treatment_start_appt_date	first_appointment_date t appointment. Timezone UTC.	TIMESTAMP  TIMESTAMP  TIMESTAMP  TIMESTAMP	
Surrogate key for appointmen dim_appointment_type.id.  first_appointment_date  The scheduled date of the first estimated_treatment_start_date  Date for the estimated treatment estimated_treatment_end_date  Date for the estimated treatment treatment_approval_appt_date  Date when the treatment was a treatment_start_appt_date	first_appointment_date t appointment. Timezone UTC.	TIMESTAMP  TIMESTAMP  TIMESTAMP  TIMESTAMP	
Surrogate key for appointmen dim_appointment_type.id.  first_appointment_date	first_appointment_date  t appointment. Timezone UTC.  estimated_treatment_start_date ent start.  estimated_treatment_end_date ent end.  treatment_approval_appt_date accedted by the patient.  treatment_start_appt_date started, first treatment start appointment.  treatment_created_date	TIMESTAMP  TIMESTAMP  TIMESTAMP  TIMESTAMP  TIMESTAMP  TIMESTAMP	
Surrogate key for appointment dim_appointment_type.id.  first_appointment_date	first_appointment_date t appointment. Timezone UTC.	TIMESTAMP  TIMESTAMP  TIMESTAMP  TIMESTAMP  TIMESTAMP  TIMESTAMP	
Surrogate key for appointmen dim_appointment_type.id.  first_appointment_date	first_appointment_date t appointment. Timezone UTC.	TIMESTAMP  TIMESTAMP  TIMESTAMP  TIMESTAMP  TIMESTAMP  TIMESTAMP  TIMESTAMP  TIMESTAMP	
Surrogate key for appointmen dim_appointment_type.id.  first_appointment_date  The scheduled date of the first estimated_treatment_start_date  Date for the estimated treatment estimated_treatment_end_date  Date for the estimated treatment treatment_approval_appt_date  Date when the treatment was streatment_start_appt_date  Date when the treatment was streatment_created_date  Date when the new patient treatment_updated_date  Date when the new patient treatment_updated_date  Date when the new patient treatment_updated_date  Date when the new patient treatment_updated_date	first_appointment_date t appointment. Timezone UTC.	TIMESTAMP  TIMESTAMP  TIMESTAMP  TIMESTAMP  TIMESTAMP  TIMESTAMP  TIMESTAMP  TIMESTAMP	
Surrogate key for appointmen dim_appointment_type.id.  first_appointment_date  The scheduled date of the first estimated_treatment_start_date  Date for the estimated treatment estimated_treatment_end_date  Date for the estimated treatment treatment_approval_appt_date  Date when the treatment was streatment_start_appt_date  Date when the treatment was streatment_created_date  Date when the new patient treatment_updated_date  Date when the new patient treatment_updated_date  Date when the new patient treatment_updated_date  Date when the new patient treatment_updated_date	first_appointment_date  t appointment. Timezone UTC.  estimated_treatment_start_date ent start.  estimated_treatment_end_date ent end.  treatment_approval_appt_date accedted by the patient.  treatment_start_appt_date started, first treatment start appointment.  treatment_created_date eatment was initially added.  treatment_updated_date eatment was last modified.  is_treatment_created	TIMESTAMP  TIMESTAMP  TIMESTAMP  TIMESTAMP  TIMESTAMP  TIMESTAMP  TIMESTAMP  TIMESTAMP  TIMESTAMP	FK of
Surrogate key for appointment dim_appointment_type.id.  first_appointment_date	first_appointment_date  t appointment. Timezone UTC.  estimated_treatment_start_date ent start.  estimated_treatment_end_date ent end.  treatment_approval_appt_date accedted by the patient.  treatment_start_appt_date started, first treatment start appointment.  treatment_created_date eatment was initially added.  treatment_updated_date eatment was last modified.  is_treatment_created	TIMESTAMP  TIMESTAMP  TIMESTAMP  TIMESTAMP  TIMESTAMP  TIMESTAMP  TIMESTAMP  TIMESTAMP  TIMESTAMP	FK of
Surrogate key for appointment dim_appointment_type.id.  first_appointment_date  The scheduled date of the first estimated_treatment_start_date  Date for the estimated treatment estimated_treatment_end_date  Date for the estimated treatment treatment_approval_appt_date  Date when the treatment was attreatment_start_appt_date  Date when the treatment was attreatment_created_date  Date when the new patient treatment_updated_date  Date when the new patient treatment_updated_date  Date when the new patient treatment_created	first_appointment_date  t appointment. Timezone UTC.  estimated_treatment_start_date ent start.  estimated_treatment_end_date ent end.  treatment_approval_appt_date accedted by the patient.  treatment_start_appt_date started, first treatment start appointment.  treatment_created_date eatment was initially added.  treatment_updated_date eatment was last modified.  is_treatment_created ent was created.  is_treatment_approved	TIMESTAMP  TIMESTAMP	NOT NULL

treatment_migrated	treatment_migrated	BIT	NOT NULL
Indicates if the patient treat	tment was migrated for the conversion process from	n a new customer.	
days_to_approve_treatment	days_to_approve_treatment	SMALLINT	
The number of days from t	he treatment was added until the treatment was app	roved.	
days_to_start_treatment	days_to_start_treatment	SMALLINT	
The number of days from t	he treatment was added until the treatment was star	ted.	
dwh_created	dwh_created	TIMESTAMP	NOT NULL
Control field indicating wh	en the row was inserted in the dwh. Timezone UTC		
dwh_updated	dwh_updated	TIMESTAMP	NOT NULL
Control field indicating wh	en the row was updated in the dwh. Timezone UTC		

- <a href="mailto:dim\_patient\_id">dim\_patient\_id</a>)
- <u>dim\_employee</u> through (provider\_id)
- <u>dim treatment plan</u> through (treatment\_plan\_id)
- <u>dim appointment type</u> through (appointment\_type\_id)
- dim location through (location\_id)

## fact\_non\_applied\_payment (Physical Name: fact\_non\_applied\_payment)

Contains all the payments that have pending amount to apply. In Greyfinch all the every payment has to be applied to an invoice (partial or total amount). When payment amount is not full applied to one or many invoices we said it's a non-appied payment.

Logical Column Name	Physical Column Name	Туре	PK Nullable	,
ransaction_pk	transaction_pk	BIGINT	NOT NU	LL
PK. Transaction ID correspond	dent to the primary key of the transactions table i	n the business model.		
payment_pk	payment_pk	BIGINT	NOT NU	LL
PK. Payment ID corresponden	at to the primary key of the payments table in the	business model.		
parent_company_pk	parent_company_pk	BIGINT	NOT NU	LL
Parent company ID owner of t	he transaction row.			
location_id	location_id	BIGINT	NOT NU	LL
Surrogate key for the location	dimension. FK of dim_location.id.			
patient_id	patient_id	BIGINT	NOT NU	LL
Surrogate key for the patient d	limension. FK of dim_patient.id.			
patient_human_id	patient_human_id	VARCHAR(20)	NOT NU	LL
Patient Human ID for the patie	ent in the business model,			
treatment_plan_id	treatment_plan_id	BIGINT	NOT NU	LL
Surrogate key for the treatemt	plan dimension. FK of dim_treatment.id.			
payer_id	payer_id	BIGINT	NOT NU	LL
For private accounts.Surrogate	e key for the person payer dimension. FK of dim_	_person.id.		
insurance_company_id	insurance_company_id	BIGINT	NOT NU	LL
For Insurance accounts. Surro	gate key for the insurance company dimension. F	K of dim_insurance_company.id.		
payment_created_date	payment_created_date	TIMESTAMP		
When a payment related to the account.	e transaction exists, indicate when the payment w	as created and added in to the pay	er	
payment_total_amount	payment_total_amount	DECIMAL(19,2)		
When a payment related to the	e transaction exists, the initial payment amount.			
payment_applied_amount	payment_applied_amount	DECIMAL(41,2)		
payment_non_applied_amount	payment_non_applied_amount	DECIMAL(42,2)		
payment_human_id	payment_human_id	VARCHAR(20)		
When a payment related to the	e transaction exists, indicate the Payment Human	ID in the business mnodel.		
payment_type_id	payment_type_id	BIGINT		
When a payment related to the dim_payment_type.id.	e transaction exists, a surrogate key for the payme	ent type dimension. FK of		
payment_method_id	payment_method_id	BIGINT		
When a payment related to the dim_payment_method.id.	e transaction exists, a surrogate key for the payme	ent method dimension. FK of		
payment_check_number	payment_check_number	VARCHAR(20)		
When a payment related to the	e transaction exists, the check number if available	·.		
payment_card_last_four_digits	payment_card_last_four_digits	VARCHAR(4)		
When a payment related to the	e transaction exists, the last four digits of the cred	it card if available.		
payment_card_expire	payment_card_expire	VARCHAR(10)		

### fact\_nps\_feedback (Physical Name: fact\_nps\_feedback)

Contains all the request (completed or pending to complete) sent to patients having a previous appointment. The aim of the request is to get feedback and score of the patient experience to be able to calculate the NPS indicator (Net Promoter Score).

Logical Column Name	Physical Column Name	Туре	PK	Nullable
request_pk (PK)	request_pk	VARCHAR(36)	PK	NOT NULL
PK. Request ID correspondet to	the nps.requests table in the business model.			
parent_company_pk	parent_company_pk	BIGINT		NOT NULL
Parent company ID owner of the	e transaction row.			
location_id ( <u>FK</u> )	location_id	BIGINT		NOT NULL
Surrogate key for the location d	imension. FK of dim_location.id.			
patient_id ( <u>FK</u> )	patient_id	BIGINT		NOT NULL
Surrogate key for the patient dir	nension. FK of dim_patient.id.			
appointment_location_id (FK)	appointment_location_id	BIGINT		NOT NULL
Surrogate key for the location w	here the appointment has been scheduled. FK of	dim_location.id,		
appointment_type_category_id (FK)	appointment_type_category_id	BIGINT		NOT NULL
Surrogate key for the appointme	ent type category dimension. FK of dim_appointn	nent_type_category.id.		
chair_id ( <u>FK</u> )	chair_id	BIGINT		NOT NULL
	ension, when the appointment has been scheduled	and a chair assigned. FK of	dim_chair.	id
provider_id (FK)	provider_id	BIGINT		NOT NULL
	imension, when the appointment has been schedu		. FK of	
dim_provider.id.	· AA	. 0		
assistant_id ( <u>FK</u> )	assistant_id	BIGINT		NOT NULL
Surrogate key for the assistant d dim_assistant.id.	imension, when the appointment has been schedu	ıled and a assistant assigned	. FK of	
treatment_plan_id ( <u>FK</u> )	treatment_plan_id	BIGINT		NOT NULL
Surrogate key for the treatemt p	lan dimension. FK of dim_treatment.id.			
request_status_id ( <u>FK</u> )	request_status_id	BIGINT		NOT NULL
Surrogate key for the request sta	tus dimension. FK of dim_nps_feedback_status.i	id.		
request_created_date	request_created_date	TIMESTAMP		NOT NULL
Date when the request for patier	nt was created. Timezone UTC.			
request_updated_date	request_updated_date	TIMESTAMP		NOT NULL
Date when the request for patier	nt was updated. Mainly when was answered by th	e patient. Timezone UTC.		
appointment_start_date	appointment_start_date	TIMESTAMP		NOT NULL
Date and time when the appoint	ment was started.			
appointment_checkin_date	appointment_checkin_date	TIMESTAMP		
Date and time when the patient	was check in for the appointment.			
appointment_duration	appointment_duration	SMALLINT		
Appointment duration in minute	**			
feedback	feedback	LONGVARCHAR		
Containts the contents in plain to	ext of the patient's feedback.			
score	score	SMALLINT		
The score for the appointment e	xperience rated by the patient (0 - 10).			
is_negative	is_negative	BIT		
Indicates if the sentiment of the	_ 0			
is_neutral	is_neutral	BIT		
Indicates if the sentiment of the	_			
is_positive	is_positive	BIT		
Indicates if the sentiment of the	<b>-1</b>	DII		
dwh_created	dwh created	TIMESTAMP		
	e row was inserted in the dwh. Timezone UTC.	I IIVILO IAWII		
dwh_updated	dwh_updated	TIMESTAMP		
awn_upuateu	uwii_upuateu	TIMESTAME		

#### References

- <u>dim chair</u> through (chair\_id)
- dim\_patient through (patient\_id)
   dim\_nps\_request\_status\_through (request\_status\_id)
- dim appointment type category through (appointment\_type\_category\_id)
   dim employee through (assistant\_id)
- <u>dim employee</u> through (provider\_id)
- dim treatment plan through (treatment\_plan\_id)
- dim location through (appointment\_location\_id)
- dim location through (location\_id)

### fact\_nps\_request (Physical Name: fact\_nps\_request)

Contains all the request (completed or pending to complete) sent to patients having a previous appointment. The aim of the request is to get feedback and score of the patient experience to be able to calculate the NPS indicator (Net Promoter Score).

ogical Column Name	Physical Column Name	Туре	PK	Nullable
equest_pk (PK)	request_pk	VARCHAR(36)	PK	NOT NULL
PK. Request ID correspondet	to the nps.requests table in the business model.			
parent_company_pk	parent_company_pk	BIGINT		NOT NULL
Parent company ID owner of	the transaction row.			
ocation_id ( <u>FK</u> )	location_id	BIGINT		NOT NULL
• •	dimension. FK of dim_location.id.			
patient_id ( <u>FK</u> )	patient_id	BIGINT		NOT NULL
Surrogate key for the patient of	dimension. FK of dim_patient.id.			
ppointment_location_id ( <u>FK</u> )	appointment_location_id	BIGINT		NOT NULL
Surrogate key for the location	where the appointment has been scheduled. FK of	dim_location.id,		
ppointment_type_category_id (FK)	appointment_type_category_id	BIGINT		NOT NULL
Surrogate key for the appointr	ment type category dimension. FK of dim_appointr	ment_type_category.id.		
hair_id ( <u>FK</u> )	chair_id	BIGINT		NOT NULL
Surrogate key for the chair dir	mension, when the appointment has been scheduled	d and a chair assigned. FK of	dim_chair.	id
provider_id ( <u>FK</u> )	provider_id	BIGINT		NOT NULL
Surrogate key for the provider	r dimension, when the appointment has been sched	uled and a provider assigned.	. FK of	
dim_provider.id.				
ssistant_id ( <u>FK</u> )	assistant_id	BIGINT		NOT NULL
Surrogate key for the assistant dim_assistant.id.	t dimension, when the appointment has been sched	uled and a assistant assigned.	. FK of	
reatment_plan_id ( <u>FK</u> )	treatment_plan_id	BIGINT		NOT NULL
Surrogate key for the treatemt	plan dimension. FK of dim_treatment.id.			
equest_status_id ( <u>FK</u> )	request_status_id	BIGINT		NOT NULL
Surrogate key for the request	status dimension. FK of dim_nps_request_status.id	l.		
equest_created_date	request_created_date	TIMESTAMP		NOT NULL
Date when the request for pati	ient was created. Timezone UTC.			
equest_updated_date	request_updated_date	TIMESTAMP		NOT NULL
1 -1 -	ient was updated. Mainly when was answered by the	ne patient. Timezone UTC.		
appointment_start_date	appointment_start_date	TIMESTAMP		NOT NULL
Date and time when the appoi				
ppointment_checkin_date	appointment_checkin_date	TIMESTAMP		
**	nt was check in for the appointment.	THVILS IT HVII		
ppointment_duration	appointment_duration	SMALLINT		
-	-	SWALLINI		
Appointment duration in minu		CMALLINE		
The same for the same interest	score	SMALLINT		
* *	t experience rated by the patient (0 - 10).	DIT		
as_score	has_score	BIT		
Indicates if the request has a s		DIT		
as_feedback	has_feedback	BIT		
Indicates if the request has a f	*			
	is_detractor	BIT		
s_detractor	quest belongs to a detractor score (0 - 6)			
s_detractor  Indicates if the score of the rec	quest belongs to a detractor score (0 - 0).			
	is_passive	BIT		
Indicates if the score of the rec s_passive	<u> </u>	BIT		
Indicates if the score of the rec s_passive	is_passive	BIT		
Indicates if the score of the rec s_passive Indicates if the score of the rec s_promoter	is_passive quest belongs to a passive score (7 - 8).			
Indicates if the score of the rec s_passive Indicates if the score of the rec s_promoter	is_passive quest belongs to a passive score (7 - 8). is_promoter			
Indicates if the score of the reces_passive Indicates if the score of the reces_promoter Indicates if the score of the reces_promoter Indicates if the score of the reces_promoter	is_passive quest belongs to a passive score (7 - 8). is_promoter quest belongs to a promoter score (9 - 10).	BIT		

#### References

- <a href="dim chair\_id">dim chair\_id</a>)
- <u>dim\_patient</u> through (patient\_id)
- <u>dim nps request status</u> through (request\_status\_id)
- dim appointment type category through (appointment\_type\_category\_id)
  dim employee through (assistant\_id)
  dim employee through (provider\_id)
  dim treatment\_plan through (treatment\_plan\_id)
  dim location through (appointment\_location\_id)
  dim location through (location\_id)

- dim location through (location\_id)

## fact\_nps\_score (Physical Name: fact\_nps\_score)

Contains all the answered request with a score (0-10) sent to patients. The aim of the request is to get feedback and score of the patient experience to be able to calculate the NPS indicator (Net Promoter Score).

Logical Column Name	Physical Column Name	A1	PK Nullable
request_pk	request_pk	VARCHAR(36)	NOT NULL
	ndet to the nps.requests table in the business model.	DIGITE.	
parent_company_pk	parent_company_pk	BIGINT	NOT NULL
Parent company ID owne		DICHE	NOTALL
ocation_id	location_id	BIGINT	NOT NULL
	ation dimension. FK of dim_location.id.	DICINE	NOTABLE
patient_id	patient_id	BIGINT	NOT NULL
	ient dimension. FK of dim_patient.id.	DICINE	NOTABLE
appointment_location_id	appointment_location_id ation where the appointment has been scheduled. FK of	BIGINT	NOT NULL
	**		NOT MULL
appointment_type_category_id	appointment_type_category_id	BIGINT	NOT NULL
	pointment type category dimension. FK of dim_appoin	BIGINT	
chair_id	chair_id		chairid
provider_id	ir dimension, when the appointment has been schedul  provider_id	BIGINT	_cnair.id
_	provider_id  vider dimension, when the appointment has been sche		of
dim_provider.id.			01
assistant_id	assistant_id	BIGINT	
Surrogate key for the assi dim_assistant.id.	istant dimension, when the appointment has been sche	eduled and a assistant assigned. FK	of
reatment_plan_id	treatment_plan_id	BIGINT	NOT NULL
Surrogate key for the trea	atemt plan dimension. FK of dim_treatment.id.		
request_created_date	request_created_date	TIMESTAMP	NOT NULL
Date when the request for	r patient was created. Timezone UTC.		
equest_updated_date	request_updated_date	TIMESTAMP	NOT NULL
Date when the request for	r patient was updated. Mainly when was answered by	the patient. Timezone UTC.	
appointment_start_date	appointment_start_date	TIMESTAMP	NOT NULL
Date and time when the a	appointment was started.		
appointment_checkin_date	appointment_checkin_date	TIMESTAMP	
	patient was check in for the appointment.		
appointment_duration	appointment_duration	SMALLINT	
Appointment duration in			
score	score	SMALLINT	
**	ment experience rated by the patient (0 - 10).		
s_detractor	is_detractor	BIT	
	he request belongs to a detractor score (0 - 6).		
s_passive	is_passive	BIT	
	he request belongs to a passive score (7 - 8).		
s_promoter	is_promoter	BIT	
	he request belongs to a promoter score (9 - 10).		
dwh_created	dwh_created	TIMESTAMP	
	when the row was inserted in the dwh. Timezone UTC		
dwh_updated	dwh_updated	TIMESTAMP	

## fact\_patient\_insurance (Physical Name: fact\_patient\_insurance)

Contains all the insured patients with details about insurance subscriptions, holders and effective date.

Logical Column Name	Physical Column Name	Type	PK	Nullable
deleted	deleted	TINYINT		NOT NULL
Indicates if the insured was d	eleted. Internal filed to manage the row validation	n.		
insured_pk	insured_pk	BIGINT		NOT NULL
PK. Insured ID correspondet	to the primary key of the insured table in the bus	iness model.		
parent_company_pk	parent_company_pk	BIGINT		NOT NULL

Parent company ID owner of	he transaction row.		
patient_id ( <u>FK</u> )	patient_id	BIGINT	NOT NULL
Surrogate key for the patient of	limension. FK of dim_patient.id.		
subscriber_id ( <u>FK</u> )	subscriber_id	BIGINT	NOT NULL
Surrogate key for the subscrib subscriptions.	er dimension. FK of the dim_subscriber.id. TF	Ie subscriber is the holder of the insur	ance
insurance_company_id ( <u>FK</u> )	insurance_company_id	BIGINT	NOT NULL
Surrogate key for the insurance	e company dimension. FK of dim_insurance_	company.id.	
member_id	member_id	VARCHAR(50)	NOT NULL
Contains the member code ide	entification for the insurance subscription. Text	plain identification.	
insurance_plan_number	insurance_plan_number	VARCHAR(50)	NOT NULL
Contains the insunace plan ide	entification. Text plain identification.		
effective_date	effective_date	TIMESTAMP	
Effective date of the insurance	subscription.		
medicaid	medicaid	BIT	NOT NULL
Indicates if the insurance plan	belongs to a MEDICAID plan.		
medicaid_state	medicaid_state	VARCHAR(10)	NOT NULL
Indicates the state where the N	MEDICAID plain belongs.		
dwh_created	dwh_created	TIMESTAMP	
Control field indicating when	the row was inserted in the dwh. Timezone UT	TC.	
dwh_updated	dwh_updated	TIMESTAMP	

- dim subscriber through (subscriber\_id)
   dim\_patient through (patient\_id)
   dim\_insurance\_company\_through (insurance\_company\_id)

## fact\_payment\_plan\_invoice (Physical Name: fact\_payment\_plan\_invoice)

Contains information about the treatment payment plans. Include all the invoices related to the payment plan and the payments status.

Logical Column Name	Physical Column Name	Туре	PK	Nullable
payment_plan_pk (PK)	payment_plan_pk	BIGINT	PK	NOT NULL
PK. Payment Plan ID corresp	ondent to the table payment_plans in the business	model.		
invoice_pk (PK)	invoice_pk	BIGINT	PK	NOT NULL
PK. Invoice ID corresponden	t to the table receivables (field receivable_id) in the	ne business model.		
parent_company_pk	parent_company_pk	BIGINT		NOT NULL
Parent company ID owner of	the transaction row.			
location_id (FK)	location_id	BIGINT		NOT NULL
Surrogate key for the location	dimension. FK of dim_location.id.			
patient_id ( <u>FK</u> )	patient_id	BIGINT		NOT NULL
Surrogate key for the patient	dimension. FK of dim_patient.id.			
patient_human_id	patient_human_id	VARCHAR(20)		NOT NULL
Patient Human ID identifier is	n the business model.			
treatment_plan_id ( <u>FK</u> )	treatment_plan_id	BIGINT		NOT NULL
Surrogate key for the treatem	t plan dimension. FK of dim_treatment.id.			
payer_type	payer_type	VARCHAR(20)		NOT NULL
Indicates if the payer account	is Private Payer or Insurance Company. Text plai	n description.		
person_payer_id ( <u>FK</u> )	person_payer_id	BIGINT		NOT NULL
For private accounts.Surrogat	e key for the person payer dimension. FK of dim_	_person.id.		
insurance_company_id ( <u>FK</u> )	insurance_company_id	BIGINT		NOT NULL
For Insurance accounts. Surro	gate key for the insurance company dimension. F	K of dim_insurance_company	.id.	
is_medicaid	is_medicaid	BIT		
Indicates if the patient's insur	ance subscription belongs to MEDICAID plan.			
receivable_human_id	receivable_human_id	VARCHAR(20)		NOT NULL
Invoice Human ID identifier	n the business model.			
invoice_created_date	invoice_created_date	TIMESTAMP		NOT NULL
Date when the installment cha	arge invoice was created.			
invoice_updated_date	invoice_updated_date	TIMESTAMP		NOT NULL
Date when the installment cha	arge invoice was last modified.			
invoice_due_date	invoice_due_date	DATE		NOT NULL
Due date for the installment of	harge invoice.			
invoice_realization_date	invoice_realization_date	DATE		NOT NULL

nvoice_autopay_date	invoice_autopay_date	DATE	
Autopay date for the installment cl	narge invoice. Is the date when autopay, when ava	ailable, is executed.	
invoice_installment_amount	invoice_installment_amount	DECIMAL(19,2)	NOT NULL
Installment charge amount.			
invoice_balance_amount	invoice_balance_amount	DECIMAL(19,2)	NOT NULL
Installment balance amount. If is p	aid the total amount should be 0, otherwise balan	nce > 0.	
days_until_invoice_paid	days_until_invoice_paid	SMALLINT	NOT NULL
How many days transcurred since	the due date until the invoice is totally paid.		
invoice_payment_date	invoice_payment_date	TIMESTAMP	
Date when the installment charge i	nvoice was paid.		
payment_plan_effective_date	payment_plan_effective_date	TIMESTAMP	NOT NULL
Effective date of the payment plan			
payment_plan_initial_amount	payment_plan_initial_amount	DECIMAL(19,2)	NOT NULL
Initital total amount of the paymen	t plan.		
payment_plan_installment_amount	payment_plan_installment_amount	DECIMAL(19,2)	NOT NULL
Initial installment charge amount of	of the payment plan.		
payment_plan_interval	payment_plan_interval	VARCHAR(20)	
Payment plan interval. Text plain of	description (MONTHLY, QUARTERLY,)		
payment_plan_payment_method	payment_plan_payment_method	VARCHAR(20)	
Indicates the payment plan method	to pay the installment charges (ACH, Credit Car	rd,)	
payment_plan_downpayment_amount	payment_plan_downpayment_amount	DECIMAL(19,2)	
Total downpayment amount in the	payment plan.		
is_rolled_back	is_rolled_back	BIT	NOT NULL
Indicates if the payment was rolled	l back.		
payment_plan_rollback_date	payment_plan_rollback_date	DATE	
If rolled back, the date when was r	olled back.		
treatment_status	treatment_status	VARCHAR(30)	
Indicates the current treatment stat	us of the patient treatment plan.		
treatment_plan_fee	treatment_plan_fee	DECIMAL(19,2)	
Total fee of the patient treatment p	lan.		
treatment_plan_length	treatment_plan_length	SMALLINT	
The patient treatment plan lenght,	in weeks.		
treatment_total_appointments	treatment_total_appointments	SMALLINT	
The initial number of appointment	s for the patient treatment plan.		
treatment_completed_appointments	treatment_completed_appointments	SMALLINT	
The current number of completed a			
dwh_created	dwh_created	TIMESTAMP	NOT NULL
	ow was inserted in the dwh. Timezone UTC.		
dwh_updated	dwh_updated	TIMESTAMP	NOT NULL
*	ow was updated in the dwh. Timezone UTC.		

- dim\_person through (person\_payer\_id)
   dim\_patient through (patient\_id)
   dim\_insurance company through (insurance\_company\_id)
   dim\_treatment\_plan through (treatment\_plan\_id)
- dim\_location through (location\_id)

### fact\_payment\_plan\_summary (Physical Name: fact\_payment\_plan\_summary)

Contains information about the treatment payment plans. Include a summary of all the invoices related to the payment plan and the payments status.

Logical Column Name	Physical Column Name	Туре	PK	Nullable
payment_plan_pk	payment_plan_pk	BIGINT		NOT NULL
PK. Payment Plan ID corres	pondent to the table payment_plans in the business	model.		
parent_company_pk	parent_company_pk	BIGINT		NOT NULL
Parent company ID owner o	f the transaction row.			
location_id	location_id	BIGINT		NOT NULL
Surrogate key for the location	on dimension. FK of dim_location.id.			
patient_id	patient_id	BIGINT		NOT NULL
Surrogate key for the patient	t dimension. FK of dim_patient.id.			
patient_human_id	patient_human_id	VARCHAR(20)		NOT NULL
Patient Human ID identifier	in the business model.			
treatment plan id	treatment plan id	BIGINT		NOT NULL

payer_type	dimension. FK of dim_treatment.id.  payer_type	VARCHAR(20)	NOT NULL
	vate Payer or Insurance Company. Text plain description	, ,	HOTHCEE
person_payer_id	person_payer_id	BIGINT	NOT NULL
* *			NOT NULL
	for the person payer dimension. FK of dim_persor		
insurance_company_id	insurance_company_id	BIGINT	NOT NULL
	ey for the insurance company dimension. FK of d		
is_medicaid	is_medicaid	BIT	
Indicates if the patient's insurance so	ubscription belongs to MEDICAID plan.		
payment_plan_effective_date	payment_plan_effective_date	TIMESTAMP	NOT NULL
Effective date of the payment plan.			
payment_plan_initial_amount	payment_plan_initial_amount	DECIMAL(19,2)	NOT NULL
Initital total amount of the payment	plan.		
payment_plan_installment_amount	payment_plan_installment_amount	DECIMAL(19,2)	NOT NULL
Initial installment charge amount of		- ( ) /	
payment_plan_interval	payment_plan_interval	VARCHAR(20)	
	escription (MONTHLY, QUARTERLY,)	7 11(21) 11(20)	
		VADCHAD(20)	
payment_plan_payment_method	payment_plan_payment_method	VARCHAR(20)	
	to pay the installment charges (ACH, Credit Card,		
payment_plan_downpayment_amount	payment_plan_downpayment_amount	DECIMAL(19,2)	
Total downpayment amount in the p			
is_rolled_back	is_rolled_back	BIT	NOT NULL
Indicates if the payment was rolled	back.		
payment_plan_rollback_date	payment_plan_rollback_date	DATE	
If rolled back, the date when was ro	lled back.		
treatment_status	treatment_status	VARCHAR(30)	
Indicates the current treatment statu			
treatment_plan_fee	treatment_plan_fee	DECIMAL(19,2)	
Total fee of the patient treatment pla	*	<i>DECIMIE</i> (13,2)	
treatment_plan_length	treatment_plan_length	SMALLINT	
		SMALLINI	
The patient treatment plan lenght, in		D.ATE	
first_invoice_due_date	first_invoice_due_date	DATE	
Due date for the installment charge			
last_invoice_due_date	last_invoice_due_date	DATE	
Due date for the installment charge	invoice.		
treatment_completed_appointments	treatment_completed_appointments	SMALLINT	
The current number of completed ap	ppointments.		
treatment_total_appointments	treatment_total_appointments	SMALLINT	
The initial number of appointments	for the patient treatment plan.		
number_invoices	number_invoices	BIGINT	NOT NULL
numer_of_paid_invoices	numer_of_paid_invoices	DECIMAL(23,0)	
payment_plan_total_installment_amount	payment_plan_total_installment_amount	DECIMAL(41,2)	
payment_plan_total_balance	payment_plan_total_balance	DECIMAL(41,2)	
max_days_until_invoice_paid	max_days_until_invoice_paid	SMALLINT	
	ne due date until the invoice is totally paid.		
	dwh_created	TIMESTAMP	NOT NULL
nwn created			1.01 HOLL
dwh_created  Control field indicating when the ro	w was inserted in the dwh. Timezone HTC		
	w was inserted in the dwh. Timezone UTC.  dwh_updated	TIMESTAMP	NOT NULL

## fact\_scheduling\_available\_slot (Physical Name: fact\_scheduling\_available\_slot)

Contains information about all the defined slots for a specific date and appointment type. Office calendars are divided in a series of slots where appointments could be assigned, there are different slots for each appointment types.

Logical Column Name	Physical Column Name	Туре	PK	Nullable
slot_year	slot_year	INTEGER		NOT NULL
Year in YYYY format.				
parent_company_pk	parent_company_pk	BIGINT		NOT NULL
Parent company ID owner of t	he transaction row.			
location_id (FK)	location_id	BIGINT		NOT NULL
Surrogate key for the location	dimension. FK of dim_location.id.			
chair_id (FK)	chair_id	BIGINT		NOT NULL

dim_chair.id.			
appointment_type_id (FK)	appointment_type_id	BIGINT	NOT NULL
Surrogate key for the appoint	ment type dimension. FK of dim_appointment_	type.id.	
slot_date	slot_date	DATE	NOT NULL
Date for the available slot.			
slot_order	slot_order	SMALLINT	NOT NULL
Slot order for a current date.			
slot_start_time	slot_start_time	SMALLINT	
Start time of the slot for a dat	e and appointment type.		
slot_end_time	slot_end_time	SMALLINT	NOT NULL
End time of the slot for a date	e and appointment type.		
slot_duration	slot_duration	SMALLINT	NOT NULL
Duration for a date and appoi	ntment type slot.		
slot_available	slot_available	BIT	NOT NULL
Indicates if the slot is availab	le or busy.		
dwh_created	dwh_created	TIMESTAMP	NOT NULL
Date indicating when the app	ointment was initially created. Timezone UTC.	1	
dwh_updated	dwh_updated	TIMESTAMP	NOT NULL
Date indicating when the app	ointment was initially updated. Timezone UTC		

- dim chair through (chair\_id)
   dim appointment type through (appointment\_type\_id)
   dim location through (location\_id)

## fact\_scheduling\_work\_hours (Physical Name: fact\_scheduling\_work\_hours)

Contains a description of the chair occupations by location, chair and dates regarding the available working hours from the office calendar.

ogical Column Name	Physical Column Name	Туре	PK	Nullable
scheduling_work_hour_pk (PK)	scheduling_work_hour_pk	BIGINT	PK	NOT NULL
PK: Scheduling Work Hour ID	corrspondent to the scheduling_work_hours tal	ble in the business model.		
parent_company_pk	parent_company_pk	BIGINT		NOT NULL
Parent company ID owner of t	he transaction row.			
location_id (FK)	location_id	BIGINT		NOT NULL
Surrogate key for the location	dimension. FK of dim_location.id.			
chair_id ( <u>FK</u> )	chair_id	BIGINT		NOT NULL
Surrogate key for the chair din dim_chair.id.	nension, when the appointment has been schedu	led and a chair assigned. FK o	f	
scheduled_date	scheduled_date	TIMESTAMP		NOT NULL
Schedule slot date.				
scheduled_work_hours	scheduled_work_hours	SMALLINT		NOT NULL
Office work hours available fo	r a location, chair and date.			
covered_work_hours	covered_work_hours	SMALLINT		NOT NULL
Covered work hours for a loca	tion, chair and date.			
scheduled_created_date	scheduled_created_date	TIMESTAMP		NOT NULL
Date when the scheduled date	calendar was initially created.			
scheduled_updated_date	scheduled_updated_date	TIMESTAMP		NOT NULL
Date where the scheduled date	calendar was last modified.			
dwh_created	dwh_created	TIMESTAMP		NOT NULL
Control field indicating when t	he row was inserted in the dwh. Timezone UTC			
		TIMESTAMP		NOT NULL

#### References

- <u>dim chair</u> through (chair\_id)
- dim location through (location\_id)

## fact\_transaction (Physical Name: fact\_transaction)

Containts all the financial transactions from a patient's ledger. All the payments are included, even if the payment was not totally applied, that allow to calculate due amount.

Logical Column Name	Physical Column Name	Туре	PK	Nullable
ransaction_pk (PK)	transaction_pk	BIGINT	PK	NOT NULL
PK. Transaction ID correspond	dent to the primary key of the transactions table	in the business model.		
payment_pk (PK)	payment_pk	BIGINT	PK	NOT NULL
PK. Payment ID corresponder	nt to the primary key of the payments table in the	business model.		
parent_company_pk	parent_company_pk	BIGINT		NOT NULL
Parent company ID owner of t				
ocation_id ( <u>FK</u> )	location_id	BIGINT		NOT NULL
	dimension. FK of dim_location.id.			
patient_id (FK)	patient_id	BIGINT		NOT NULL
	limension. FK of dim_patient.id.			
patient_human_id	patient_human_id	VARCHAR(20)		NOT NULL
Patient Human ID for the patie	-	VARCHAR(20)		NOT NOLL
reatment_plan_id (FK)	treatment_plan_id	BIGINT		NOT NULL
*	plan dimension. FK of dim_treatment.id.	DIOINI		NOT NOLL
	*	DICINIT		NOT NULL
payer_id ( <u>FK</u> )	payer_id	BIGINT		NOT NULL
	e key for the person payer dimension. FK of dim	*		NOTATI
nsurance_company_id ( <u>FK</u> )	insurance_company_id	BIGINT		NOT NULL
	gate key for the insurance company dimension.		d.	
ransaction_effective_date	transaction_effective_date	TIMESTAMP		NOT NULL
Date when the transaction has	<u> </u>			
ransaction_type_id ( <u>FK</u> )	transaction_type_id	BIGINT		NOT NULL
Surrogate key for the transacti	ion type dimension. FK of dim_transasction_typ	e.id.		
ransaction_type	transaction_type	VARCHAR(50)		NOT NULL
Description of the transaction	$type.\ Corresponent\ to\ the\ dim\_transaction\_type$	name (included for optimization	purposes	).
ransaction_type_category_id (FK)	transaction_type_category_id	BIGINT		NOT NULL
Surrogate key for the transacti	ion type category dimension. FK of dim_transase	ction_type_category.id. It's a hig	h level	
	types more related to business rules.			
ransaction_type_category	transaction_type_category	VARCHAR(50)		NOT NULL
	type category. Corresponent to the dim_transact	ion_type_category.name (includ	ed for	
optimization purposes).				
ransaction_amount_applied	transaction_amount_applied	DECIMAL(19,2)		NOT NULL
Transaction amount applied. T	This amount affects the due amount.			
ransaction_amount_balance	transaction_amount_balance	DECIMAL(19,2)		NOT NULL
	transaction_amount_balance This amount affects the balance amount.	DECIMAL(19,2)		NOT NULL
		DECIMAL(19,2)  DECIMAL(19,2)		NOT NULL
Transaction amount balance. Transaction_amount	This amount affects the balance amount.	DECIMAL(19,2)		NOT NULL
Transaction amount balance. Transaction_amount	This amount affects the balance amount.  transaction_amount	DECIMAL(19,2)		NOT NULL
Transaction amount balance. Transaction_amount Transacion amount. Correspondents action_created_date	This amount affects the balance amount.  transaction_amount  nding to the source amount in the business mode	DECIMAL(19,2) I (only for validation purposes).		
Transaction amount balance. Transaction_amount Transacion amount. Correspondents action_created_date	This amount affects the balance amount.  transaction_amount  nding to the source amount in the business mode  transaction_created_date	DECIMAL(19,2) I (only for validation purposes).		
Transaction amount balance. Transaction_amount Transacion amount. Correspontant amount. Correspontant amount amount amount amount. Transaction_created_date  Date indicating when the transaction_updated_date	This amount affects the balance amount.  transaction_amount  nding to the source amount in the business mode  transaction_created_date saction was initially created. Timezone UTC.	DECIMAL(19,2) l (only for validation purposes). TIMESTAMP		NOT NULL
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When a payment related to the t	ransaction exists, the initial payment amount.		
is_reversed_payment	is_reversed_payment	BIT	
Indicates if the transactions cons	sists in a reversed payment applied to a paymen	nt.	
payment_correction_type_id (FK)	payment_correction_type_id	BIGINT	NOT NULL
When a payment correction rela FK of dim_payment_correction.	ted to the transaction exists, a surrogate key for id.	r the payment correction type dime	ension.
discount_type_id (FK)	discount_type_id	BIGINT	NOT NULL
When a discount transaction, a s	surrogate key for the discount type dimension.	FK of dim_discount_type.id.	
miscellaneous_charge_id (FK)	miscellaneous_charge_id	BIGINT	NOT NULL
When a miscellaneous charge trdim_miscellaneous_charge.id.	ansaction, a surrogate key for the miscellaneou	s charge dimension. FK of	
retail_item_id ( <u>FK</u> )	retail_item_id	BIGINT	NOT NULL
When a retail item charge transa	ction, a surrogate key for the retail item dimen	sion. FK of dim_retail_item.id.	
refund_type_id ( <u>FK</u> )	refund_type_id	BIGINT	NOT NULL
When a refund transaction, a sur	rogate key for the refund type dimension. FK	of dim_refund_type.id.	
is_production	is_production	BIT	
Indicates if the transaction affect	ts the production metrics		
dwh_created	dwh_created	TIMESTAMP	NOT NULL
Control field indicates when the	row was inserted in the dwh. Timezone UTC.		
dwh_updated	dwh_updated	TIMESTAMP	NOT NULL
Control field indicates when the	row was uodated in the dwh. Timezone UTC.		

- dim\_payment\_method through (payment\_method\_id)
   dim\_refund\_type through (refund\_type\_id)
   dim\_retail\_item\_through (retail\_item\_id)

- dim transaction type category through (transaction\_type\_category\_id)
- dim person through (payer\_id)
- dim discount type through (discount\_type\_id)
- dim patient through (patient\_id)
- <u>dim miscellaneous charge</u> through (miscellaneous\_charge\_id)
- dim inscenareous charge through (miscenareous\_charge\_id)
  dim payment correction type through (payment\_correction\_type\_id)
  dim insurance company through (insurance\_company\_id)
  dim transaction type through (transaction\_type\_id)
  dim treatment\_plan through (treatment\_plan\_id)

- dim payment type through (payment\_type\_id)
- dim location through (location\_id)