Main Layout

8-05-2024 by DbSchema.com - Wise Coders

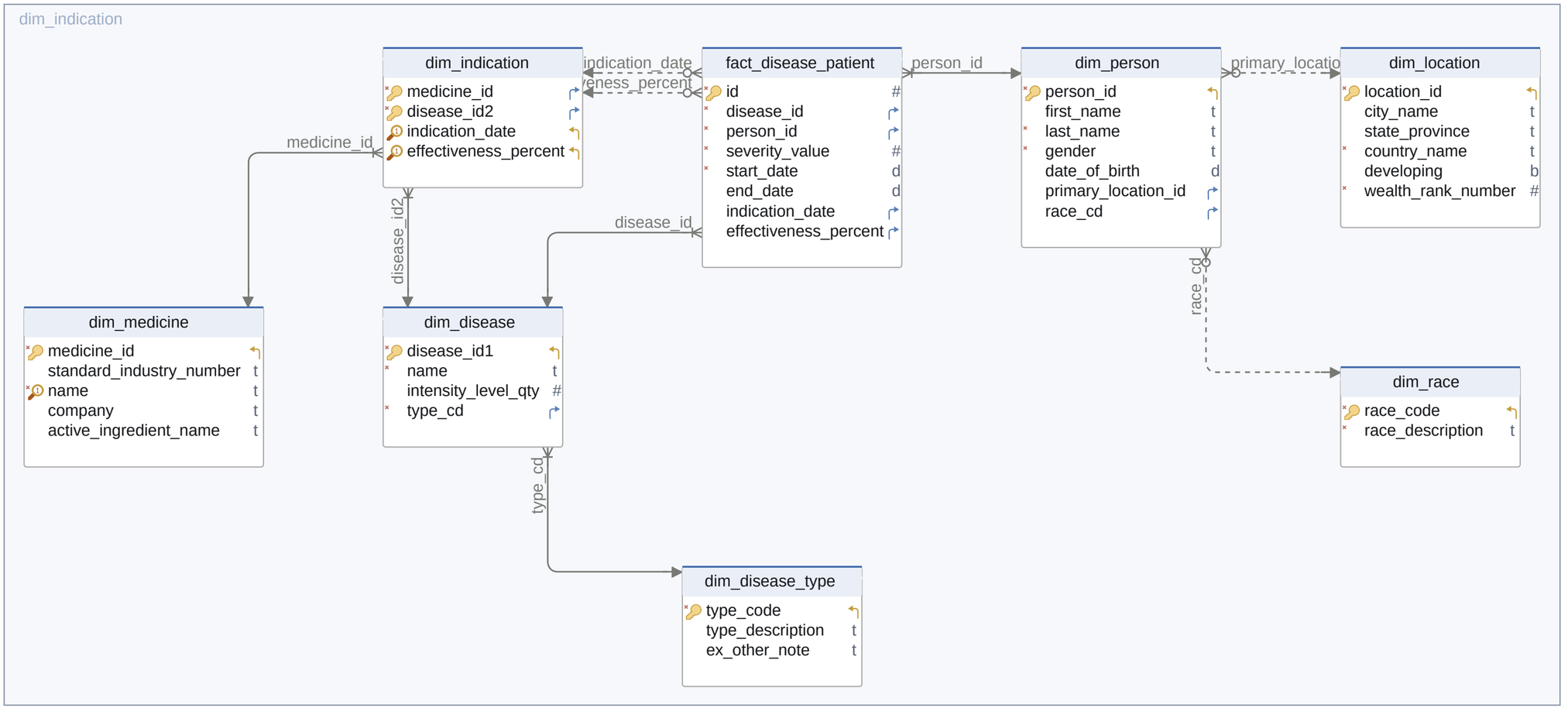
Layouts

Tables

Views

This is a layout. You can create multiple layouts with the same or different tables.

Edit tables by double-clicking the table headers.



Main Layout

Table dim_disease

Idx	Name	Data Type
* Pk	disease_id1	integer DEFAULT nextval('factdiseasemodel.dim_disease_disease_id1_seq'::regclass)
*	name	varchar(100)
	intensity_level_qty	integer
*	type_cd	varchar(10)

Indexes

Type	Name	On
Pk	dim_disease_pkey	disease_id1

Foreign Keys

Type	Name	On
	fk_dim_disease_type (type_cd) ref dim_disease_type (type_code)	

Table dim_disease_type

Idx	Name	Data Type
* Pk	type_code	varchar(100)
	type_description	varchar(1000)
	ex_other_note	varchar(2000)

Indexes

Type	Name	On
Pk	dim_disease_type_pkey	type_code

Table dim_indication

Idx	Name	Data Type
* Pk	medicine_id	integer
* Pk	disease_id2	integer
Unq	indication_date	date
Unq	effectiveness_percent	double precision

Indexes

Type	Name	On
Pk	pk_dim_indication	medicine_id, disease_id2
Unq	unique_indication_date	indication_date
Unq	unique_effectiveness_percent	effectiveness_percent

Foreign Keys

Table dim_indication

Type	Name	On
	fk_dim_indication_disease (disease_id2) ref dim_disease (disease_id1)	
	fk_dim_indication_medicine (medicine_id) ref dim_medicine (medicine_id)	

Table dim_location

Idx	Name	Data Type
* Pk	location_id	integer DEFAULT nextval('factdiseasemodel.dim_location_location_id_seq'::regclass)
	city_name	varchar(100)
	state_province	varchar(100)
*	country_name	varchar(100)
	developing	boolean
*	wealth_rank_number	integer

Indexes

Type	Name	On
Pk	dim_location_pkey	location_id

Table dim_medicine

Idx	Name	Data Type
* Pk	medicine_id	integer DEFAULT nextval('factdiseasemodel.dim_medicine_medicine_id_seq'::regclass)
	standard_industry_number	varchar(25)
* Unq	name	varchar(250)
	company	varchar(150)
	active_ingredient_name	varchar(100)

Indexes

Type	Name	On
Pk	dim_medicine_pkey	medicine_id
Unq	uk_dim_medicine_name	name

Table dim_person

Idx	Name	Data Type
* Pk	person_id	integer DEFAULT nextval('factdiseasemodel.dim_person_person_id_seq'::regclass)
	first_name	varchar(100)
*	last_name	varchar(100)
*	gender	varchar(1)
	date_of_birth	date

Table dim_person

	primary_location_id	integer
	race_cd	varchar(100)

Indexes

Type	Name	On
Pk	dim_person_pkey	person_id

Foreign Keys

Type	Name	On
	fk_dim_person_location (primary_location_id) ref dim_location (location_id)	
	fk_dim_person_race (race_cd) ref dim_race (race_code)	

Table dim_race

Idx	Name	Data Type
* Pk	race_code	varchar(100)
*	race_description	varchar(100)

Indexes

Type	Name	On
Pk	dim_race_pkey	race_code

Table fact_disease_patient

Idx	Name	Data Type
* Pk	id	integer DEFAULT nextval('factdiseasemodel.fact_disease_patient_id_seq'::regclass)
*	disease_id	integer
*	person_id	integer
*	severity_value	integer DEFAULT 1
*	start_date	date
	end_date	date
	indication_date	date
	effectiveness_percent	double precision

Indexes

Type	Name	On
Pk	fact_disease_patient_pkey	id

Foreign Keys

Type	Name	On
	fk_fact_disease_patient_disease (disease_id) ref dim_disease (disease_id1)	
	fk_fact_disease_patient_person (person_id) ref dim_person (person_id)	

Table fact_disease_patient

fk_fact_disease_indication (indication_date) ref dim_indication (indication_date)	
fk_fact_disease_indication1 (effectiveness_percent) ref dim_indication (effectiveness_percent)	

Triggers

Name	Definition
tr_diseased_patient_changes	

CREATE TRIGGER tr_diseased_patient_changes AFTER INSERT OR DELETE OR UPDATE ON factdiseasemodel.fact_disease_patient FOR EACH ROW EXECUTE FUNCTION factdiseasemodel.log_diseased_patient_changes()

View vw_diseased_patients

```
CREATE OR REPLACE VIEW ${view} AS SELECT fp.id,
    fp.disease_id,
    fp.person_id,
    fp.severity_value,
    fp.start_date,
    fp.end_date,
    fp.indication_date,
    fp.effectiveness_percent,
    d.name AS disease_name,
    p.first_name,
    p.last_name
   FROM ((factdiseasemodel.fact_disease_patient fp
     JOIN factdiseasemodel.dim_disease d ON ((fp.disease_id = d.disease_id1)))
     JOIN factdiseasemodel.dim_person p ON ((fp.person_id = p.person_id)))
```

Schema factdiseasemodel

Functions

get1_diseased_patient_count

get_diseased_patient_count

log_diseased_patient_changes

Schema factdiseasemodel

Sequences

dim_disease_disease_id1_seq

dim_location_location_id_seq

dim_medicine_medicine_id_seq

dim_person_person_id_seq

fact_disease_patient_id_seq