

Layouts

1. Snowflake 1

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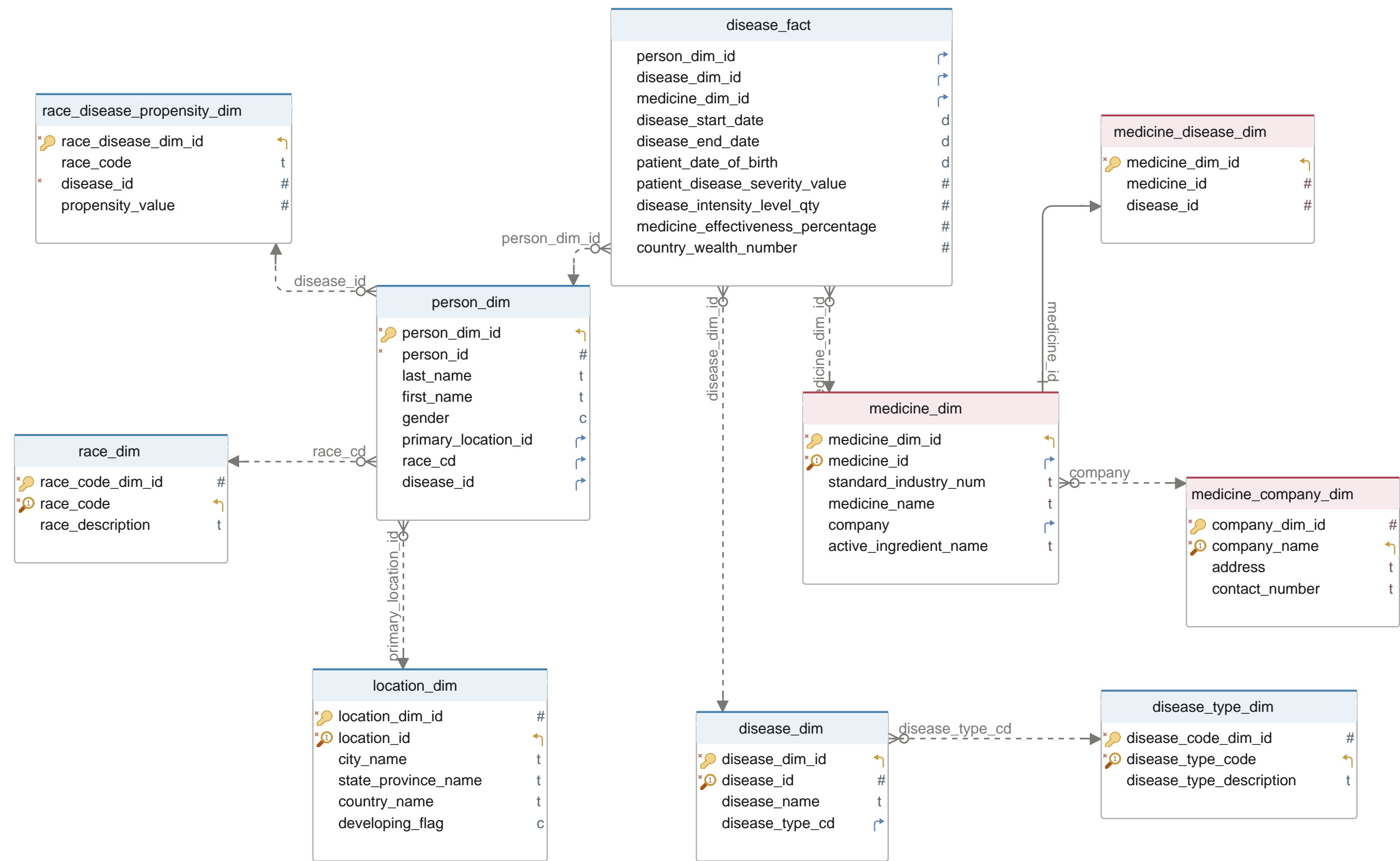
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Snowflake

Table disease_dim		
Idx	Name	Data Type
* Pk	disease_dim_id	integer GENERATED ALWAYS AS IDENTITY
* Unq	disease_id	integer
	disease_name	varchar(100)
	disease_type_cd	char(5)
Indexes		
Type	Name	On
Pk	disease_dim_pkey	disease_dim_id
Unq	disease_dim_disease_id_key	disease_id
Foreign Keys		
Type	Name	On
	disease_type_fkey (disease_type_cd) ref disease_type_dim (disease_type_code)	

Table disease_fact		
Idx	Name	Data Type
	person_dim_id	integer
	disease_dim_id	integer
	medicine_dim_id	integer
	disease_start_date	date
	disease_end_date	date
	patient_date_of_birth	date
	patient_disease_severity_value	integer
	disease_intensity_level_qty	integer
	medicine_effectiveness_percentage	double precision
	country_wealth_number	integer
Foreign Keys		
Type	Name	On
	disease_dim_id_fkey (disease_dim_id) ref disease_dim (disease_dim_id)	
	medicine_dim_id_fkey (medicine_dim_id) ref medicine_dim (medicine_dim_id)	
	person_dim_id_fkey (person_dim_id) ref person_dim (person_dim_id)	

Table disease_type_dim		
Idx	Name	Data Type
* Pk	disease_code_dim_id	integer GENERATED ALWAYS AS IDENTITY
* Unq	disease_type_code	char(5)
	disease_type_description	varchar(500)
Indexes		
Type	Name	On
Pk	disease_type_dim_pkey	disease_code_dim_id
Unq	disease_type_dim_disease_type_code_key	disease_type_code

Table location_dim		
Idx	Name	Data Type
* Pk	location_dim_id	integer GENERATED ALWAYS AS IDENTITY
* Unq	location_id	integer
	city_name	varchar(100)

Table location_dim

state_province_name	varchar(100)
country_name	varchar(100)
developing_flag	char(1)

Indexes

Type	Name	On
Pk	location_dim_pkey	location_dim_id
Unq	location_dim_location_id_key	location_id

Table medicine_company_dim

Idx	Name	Data Type
* Pk	company_dim_id	integer GENERATED ALWAYS AS IDENTITY
* Unq	company_name	varchar(200)
	address	varchar(250)
	contact_number	varchar(30)

Indexes

Type	Name	On
Pk	medicine_company_dim_pkey	company_dim_id
Unq	medicine_company_dim_company_name_key	company_name

Table medicine_dim

Idx	Name	Data Type
* Pk	medicine_dim_id	integer GENERATED ALWAYS AS IDENTITY
* Unq	medicine_id	integer
	standard_industry_num	varchar(30)
	medicine_name	varchar(200)
	company	varchar(150)
	active_ingredient_name	varchar(200)

Indexes

Type	Name	On
Pk	medicine_dim_pkey	medicine_dim_id
Unq	medicine_dim_medicine_id_key	medicine_id

Foreign Keys

Type	Name	On
	company_name_fkey (company) ref medicine_company_dim (company_name)	
	medicine_id_fkey (medicine_id) ref medicine_disease_dim (medicine_dim_id)	

Table medicine_disease_dim

Idx	Name	Data Type
* Pk	medicine_dim_id	integer GENERATED ALWAYS AS IDENTITY
	medicine_id	integer
	disease_id	integer

Indexes

Type	Name	On
Pk	medicine_disease_dim_pkey	medicine_dim_id

Table person_dim

Idx	Name	Data Type
* Pk	person_dim_id	integer GENERATED ALWAYS AS IDENTITY

Table person_dim

*	person_id	integer
	last_name	varchar(50)
	first_name	varchar(100)
	gender	char(1)
	primary_location_id	integer
	race_cd	char(5)
	disease_id	integer

Indexes

Type	Name	On
Pk	person_dim_pkey	person_dim_id

Foreign Keys

Type	Name	On
	disease_race_fkey (disease_id) ref race_disease_propensity_dim (race_disease_dim_id)	
	location_type_fkey (primary_location_id) ref location_dim (location_id)	
	race_cd_fkey (race_cd) ref race_dim (race_code)	

Table race_dim

Idx	Name	Data Type
* Pk	race_code_dim_id	integer GENERATED ALWAYS AS IDENTITY
* Unq	race_code	char(5)
	race_description	varchar(500)

Indexes

Type	Name	On
Pk	race_dim_pkey	race_code_dim_id
Unq	race_dim_race_code_key	race_code

Table race_disease_propensity_dim

Idx	Name	Data Type
* Pk	race_disease_dim_id	integer GENERATED ALWAYS AS IDENTITY
	race_code	varchar(5)
*	disease_id	integer
	propensity_value	integer

Indexes

Type	Name	On
Pk	race_disease_propensity_dim_pkey	race_disease_dim_id