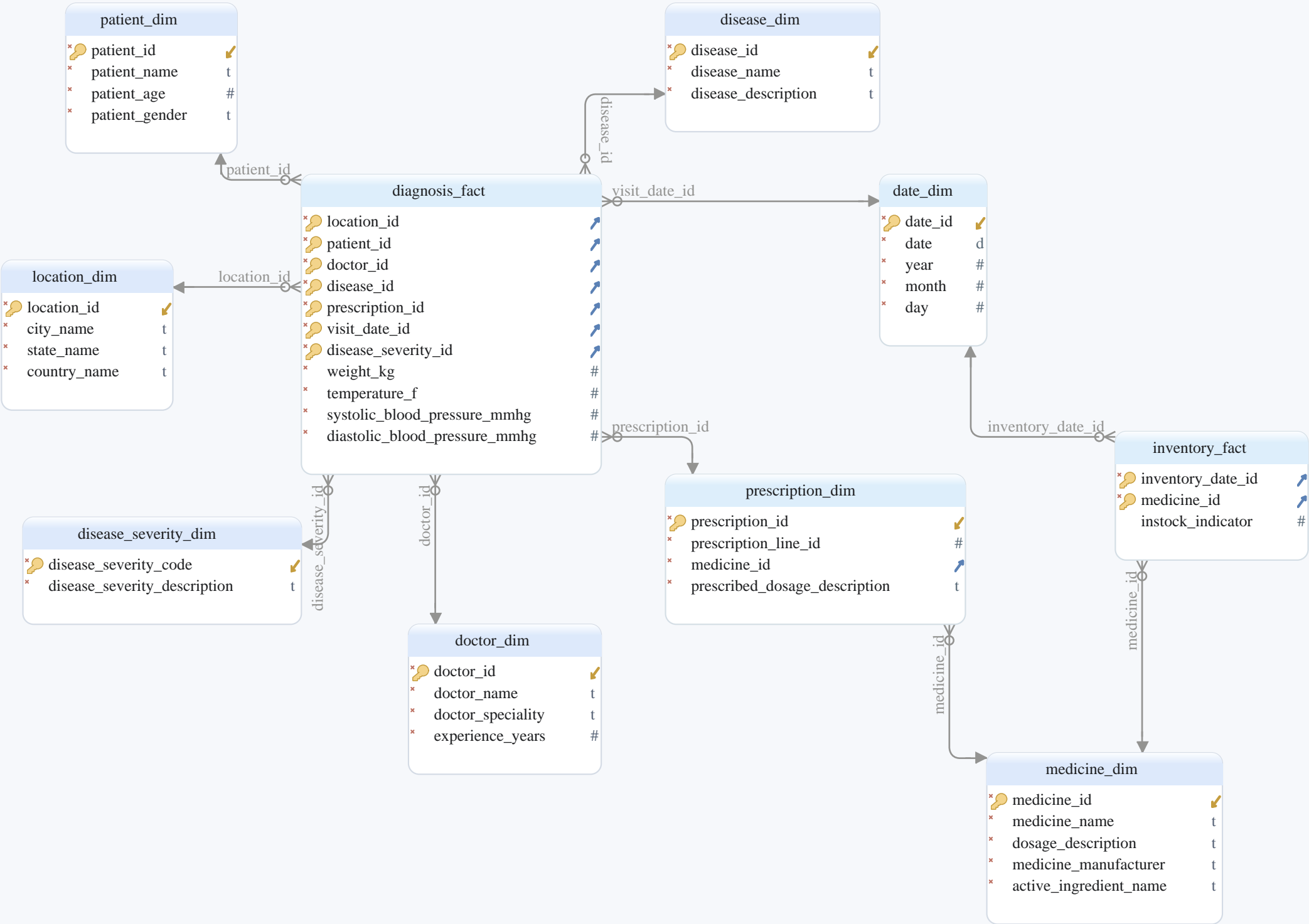


Healthcase DW



Main Layout

Table date\_dim

* Pk	date_id	integer
*	date	date
*	year	integer
*	month	integer
*	day	integer
Indexes		
Pk	date_dim_pkey	date_id

Table diagnosis\_fact

* Pk	location_id	integer
* Pk	patient_id	integer
* Pk	doctor_id	integer
* Pk	disease_id	integer
* Pk	prescription_id	integer
* Pk	visit_date_id	integer
* Pk	disease_severity_id	integer
*	weight_kg	numeric(10,2)
*	temperature_f	numeric(10,2)
*	systolic_blood_pressure_mmhg	numeric(10,2)
*	diastolic_blood_pressure_mmhg	numeric(10,2)
Indexes		
Pk	diagnosis_fact_pkey	location_id, patient_id, doctor_id, disease_id, prescription_id, visit_date_id, disease_severity_id

Foreign Keys

diagnosis_fact_visit_date_id_fkey ( visit_date_id ) ref date_dim ( date_id )
diagnosis_fact_disease_id_fkey ( disease_id ) ref disease_dim ( disease_id )
diagnosis_fact_disease_severity_id_fkey ( disease_severity_id ) ref disease_severity_dim ( disease_severity_code )
diagnosis_fact_doctor_id_fkey ( doctor_id ) ref doctor_dim ( doctor_id )
diagnosis_fact_location_id_fkey ( location_id ) ref location_dim ( location_id )
diagnosis_fact_patient_id_fkey ( patient_id ) ref patient_dim ( patient_id )
diagnosis_fact_prescription_id_fkey ( prescription_id ) ref prescription_dim ( prescription_id )

Table disease\_dim

* Pk	disease_id	integer
*	disease_name	varchar(50)
*	disease_description	varchar(200)
Indexes		
Pk	disease_dim_pkey	disease_id

Table disease\_severity\_dim

* Pk	disease_severity_code	integer
*	disease_severity_description	varchar(10)
Indexes		
Pk	disease_severity_dim_pkey	disease_severity_code

Table doctor\_dim

* Pk	doctor_id	integer
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### Table doctor\_dim

*	doctor_name	varchar(50)
*	doctor_speciality	varchar(50)
*	experience_years	integer

#### Indexes

Pk	doctor_dim_pkey	doctor_id
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### Table inventory\_fact

* Pk	inventory_date_id	integer
* Pk	medicine_id	integer
	instock_indicator	integer

#### Indexes

Pk	inventory_fact_pkey	inventory_date_id, medicine_id
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#### Foreign Keys

inventory\_fact\_inventory\_date\_id\_fkey ( inventory\_date\_id ) ref date\_dim ( date\_id )

inventory\_fact\_medicine\_id\_fkey ( medicine\_id ) ref medicine\_dim ( medicine\_id )

### Table location\_dim

* Pk	location_id	integer
*	city_name	varchar(100)
*	state_name	varchar(100)
*	country_name	varchar(100)

#### Indexes

Pk	location_dim_pkey	location_id
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### Table medicine\_dim

* Pk	medicine_id	integer
*	medicine_name	varchar(50)
*	dosage_description	varchar(50)
*	medicine_manufacturer	varchar(50)
*	active_ingredient_name	varchar(50)

#### Indexes

Pk	medicine_dim_pkey	medicine_id
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### Table patient\_dim

* Pk	patient_id	integer
*	patient_name	varchar(50)
*	patient_age	integer
*	patient_gender	varchar(10)

#### Indexes

Pk	patient_dim_pkey	patient_id
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### Table prescription\_dim

* Pk	prescription_id	integer
*	prescription_line_id	integer
*	medicine_id	integer
*	prescribed_dosage_description	varchar(50)

#### Indexes

Pk	prescription_dim_pkey	prescription_id
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Table prescription\_dim

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Foreign Keys

prescription_dim_medicine_id_fkey ( medicine_id ) ref medicine_dim ( medicine_id )
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