create table pet\_dim

(

pet\_key int identity(1,1) primary key,

pet\_id int,

pet\_type varchar(3),

age int,

gender varchar(6),

fee int

)

go

create table color\_dim

(

color\_key int identity(1,1) primary key,

color\_1 varchar(255),

color\_2 varchar(255),

color\_3 varchar(255)

)

go

create table breed\_dim

(

breed\_key int identity(1,1) primary key,

breed\_1 varchar(255),

breed\_2 varchar(255)

)

go

create table size\_dim

(

size\_key int identity(1,1) primary key,

maturity\_size varchar(13),

fur\_length varchar(13)

)

go

create table health\_dim

(

health\_key int identity(1,1) primary key,

vaccinated varchar(8),

dewormed varchar(8),

sterilized varchar(8),

health varchar(14)

)

go

create table state\_dim

(

state\_key int identity(1,1) primary key,

state\_name varchar(255)

)

go

create table rescuer\_dim

(

rescuer\_key int identity(1,1) primary key,

rescuer\_id int

)

go

create table pet\_fact

(

pet\_key int,

color\_key int,

breed\_key int,

size\_key int,

health\_key int,

state\_key int,

rescuer\_key int,

quantity int

constraint pk primary key (pet\_key, color\_key, breed\_key, size\_key, health\_key, state\_key, rescuer\_key),

constraint fk\_pet foreign key (pet\_key) references [dbo].[pet\_dim](pet\_key),

constraint fk\_color foreign key (color\_key) references [dbo].[color\_dim](color\_key),

constraint fk\_breed foreign key (breed\_key) references [dbo].[breed\_dim](breed\_key),

constraint fk\_size foreign key (size\_key) references [dbo].[size\_dim](size\_key),

constraint fk\_health foreign key (health\_key) references [dbo].[health\_dim](health\_key),

constraint fk\_state foreign key (state\_key) references [dbo].[state\_dim](state\_key),

constraint fk\_rescuer foreign key (rescuer\_key) references [dbo].[rescuer\_dim](rescuer\_key)

)