CREATE TABLE flight\_dim

(

Flight\_key INT NOT NULL,

Flight\_id INT NOT NULL,

Airport\_arrival VARCHAR NOT NULL,

departure\_airport VARCHAR NOT NULL,

distance INT NOT NULL,

PRIMARY KEY (Flight\_key)

);

CREATE TABLE passenger\_dim

(

passenger\_key INT NOT NULL,

passenger\_id INT NOT NULL,

Name VARCHAR NOT NULL,

Age INT NOT NULL,

Country\_ VARCHAR NOT NULL,

Phone INT NOT NULL,

Passenger\_type VARCHAR NOT NULL,

PRIMARY KEY (passenger\_key)

);

CREATE TABLE fareBase\_dim

(

fareBase\_key INT NOT NULL,

Code INT NOT NULL,

description VARCHAR NOT NULL,

PRIMARY KEY (fareBase\_key)

);

CREATE TABLE Promotion

(

Promotion\_key INT NOT NULL,

Promotion\_id INT NOT NULL,

description VARCHAR NOT NULL,

PRIMARY KEY (Promotion\_key)

);

CREATE TABLE Class

(

Class\_key INT NOT NULL,

Class\_id INT NOT NULL,

type VARCHAR NOT NULL,

PRIMARY KEY (Class\_key)

);

CREATE TABLE channel

(

channel\_key INT NOT NULL,

channel\_id INT NOT NULL,

type VARCHAR NOT NULL,

PRIMARY KEY (channel\_key)

);

CREATE TABLE Accommmodation

(

Acc\_key INT NOT NULL,

Acc\_id INT NOT NULL,

Type VARCHAR NOT NULL,

PRIMARY KEY (Acc\_key)

);

CREATE TABLE Interaction

(

interaction\_key INT NOT NULL,

interaction\_id INT NOT NULL,

type VARCHAR NOT NULL,

PRIMARY KEY (interaction\_key)

);

CREATE TABLE Date\_dim

(

Date\_key INT NOT NULL,

Day\_of\_week INT NOT NULL,

day\_of\_month INT NOT NULL,

day\_of\_year INT NOT NULL,

month\_name VARCHAR NOT NULL,

quarter VARCHAR NOT NULL,

year INT NOT NULL,

FULL\_DATE NOT NULL,

PRIMARY KEY (Date\_key)

);

CREATE TABLE status\_dim

(

status\_key INT NOT NULL,

status\_id INT NOT NULL,

type VARCHAR NOT NULL,

PRIMARY KEY (status\_key)

);

CREATE TABLE booking

(

ticket\_price INT NOT NULL,

frequent\_flyers\_mile(if\_exist) INT NOT NULL,

#seat INT NOT NULL,

Extended\_total\_profit INT NOT NULL,

Reservation\_id(degenrate\_dim) INT NOT NULL,

fare\_base INT NOT NULL,

Promotion\_key INT NOT NULL,

Flight\_key INT NOT NULL,

status\_key INT NOT NULL,

Class\_key INT NOT NULL,

channel\_key INT NOT NULL,

passenger\_key INT NOT NULL,

fareBae\_key INT NOT NULL,

Date\_key INT NOT NULL,

FOREIGN KEY (Promotion\_key) REFERENCES flight\_dim(Flight\_key),

FOREIGN KEY (Flight\_key) REFERENCES Promotion(Promotion\_key),

FOREIGN KEY (status\_key) REFERENCES status\_dim(status\_key),

FOREIGN KEY (Class\_key) REFERENCES Class(Class\_key),

FOREIGN KEY (channel\_key) REFERENCES channel(channel\_key),

FOREIGN KEY (passenger\_key) REFERENCES passenger\_dim(passenger\_key),

FOREIGN KEY (fareBae\_key) REFERENCES fareBase\_dim(fareBase\_key),

FOREIGN KEY (Date\_key) REFERENCES Date\_dim(Date\_key)

);

CREATE TABLE overnight\_accomadition

(

#night INT NOT NULL,

Acc\_key INT NOT NULL,

passenger\_key INT NOT NULL,

Flight\_key INT NOT NULL,

Arrival\_date INT NOT NULL,

departure\_date INT NOT NULL,

FOREIGN KEY (Acc\_key) REFERENCES Accommmodation(Acc\_key),

FOREIGN KEY (passenger\_key) REFERENCES passenger\_dim(passenger\_key),

FOREIGN KEY (Flight\_key) REFERENCES flight\_dim(Flight\_key),

FOREIGN KEY (Arrival\_date) REFERENCES Date\_dim(Date\_key),

FOREIGN KEY (departure\_date) REFERENCES Date\_dim(Date\_key)

);

CREATE TABLE feedback

(

feedback VARCHAR NOT NULL,

problem\_severity INT NOT NULL,

INT NOT NULL,

interaction\_key INT NOT NULL,

passenger\_key INT NOT NULL,

FOREIGN KEY (interaction\_key) REFERENCES Interaction(interaction\_key),

FOREIGN KEY (passenger\_key) REFERENCES passenger\_dim(passenger\_key)

);