

```

/* -- */
CREATE TABLE PILOTDIM (
PILOT_ID INT IDENTITY NOT NULL,
EMP_NUM INT,
EMP_FNAME VARCHAR(15),
EMP_LNAME VARCHAR(15)
);

ALTER TABLE PILOTDIM
ADD CONSTRAINT PILOTDIM_PK PRIMARY KEY (PILOT_ID)

/* -- */
CREATE TABLE MODELDIM (
MODEL_ID INT IDENTITY NOT NULL,
MOD_CODE VARCHAR(10),
MOD_NAME VARCHAR(20)
);

ALTER TABLE MODELDIM
ADD CONSTRAINT MODELDIM_PK PRIMARY KEY (MODEL_ID)

/* -- */
CREATE TABLE TIMEDIM (
TIME_ID INT IDENTITY NOT NULL,
CHAR_DATE DATETIME
);

ALTER TABLE TIMEDIM
ADD CONSTRAINT TIMEDIM_PK PRIMARY KEY (TIME_ID)

/* -- */
CREATE TABLE FACTS (
PILOT_ID INT NOT NULL,
MODEL_ID INT NOT NULL,
TIME_ID INT NOT NULL,
FUEL_USED FLOAT(8),
DISTANCE FLOAT(8),
REVENUE FLOAT(8)
);

ALTER TABLE FACTS
ADD CONSTRAINT FACTS_PK PRIMARY KEY (PILOT_ID, MODEL_ID, TIME_ID)

ALTER TABLE FACTS
ADD CONSTRAINT FACTS_FK FOREIGN KEY (PILOT_ID) REFERENCES PILOTDIM,
FOREIGN KEY (MODEL_ID) REFERENCES MODELDIM,
FOREIGN KEY (TIME_ID) REFERENCES TIMEDIM;

/* -- */
CREATE TABLE STAGING (
PILOT_ID INT,
EMP_NUM INT,
EMP_FNAME VARCHAR(15),
EMP_LNAME VARCHAR(15),
MODEL_ID INT,
MOD_CODE VARCHAR(10),
MOD_NAME VARCHAR(20),
TIME_ID INT,

```

```
CHAR_DATE DATETIME,  
FUEL_USED FLOAT(8),  
DISTANCE FLOAT(8),  
REVENUE FLOAT(8)  
);
```