

```

CREATE TABLE CHANNEL_DIM(
DATE_CREATED DATE,
IS_RECORD_INACTIVE CHAR,
LAST_MODIFIED_DATE DATE,
LIST_ID NUMBER(20,0),
LIST_ITEM_NAME VARCHAR(20),
KPI_DW_SKEY NUMBER(20,0),
KPI_DW_INSERT_DATE DATE,
KPI_DW_UPDATE_DATE DATE
);

```

```

--LOCATION_DIM
CREATE TABLE LOCATION_DIM(
LOCATION_ID NUMBER(20,0),
ADDRESS VARCHAR(150),
CITY VARCHAR(50),
COUNTRY VARCHAR(50),
DATE_LAST_MODIFIED DATE,
FULL_NAME VARCHAR(60),
ISINACTIVE VARCHAR(5),
NAME VARCHAR(50),
KPI_DW_SKEY NUMBER(20,0),
KPI_DW_INSERT_DATE DATE,
KPI_DW_UPDATE_DATE DATE
);

```

```

--TRANSACTION_LINE_FACT
CREATE TABLE TRANSACTION_LINE_FACT(
TRANSACTION_ID NUMBER(20,0),
TRANSACTION_LINE_ID NUMBER(20,0),
TRANID VARCHAR(30),
TRANSACTION_TYPE VARCHAR(50),
TRANDATE DATE ,
KPI_CHANNEL_SKEY NUMBER(20,0),
KPI_LOCATION_SKEY NUMBER(20,0),
KPI_DEPARTMENT_SKEY NUMBER(20,0),
KPI_ITEM_SKEY NUMBER(20,0),
AMOUNT NUMBER(8,2),
COST NUMBER(8,2),
UNITS NUMBER(5,0),
KPI_DW_SKEY NUMBER(20,0)
);

```

);

--DEPARTMENT_DIM

```
CREATE TABLE DEPARTMENT_DIM(  
DATE_LAST_MODIFIED DATE,  
DEPARTMENT_ID NUMBER(20,0),  
ISINACTIVE VARCHAR(5),  
NAME VARCHAR(10),  
WS_DESCRIPTION VARCHAR(50),  
KPI_DW_SKEY NUMBER(20,0),  
KPI_DW_INSERT_DATE DATE,  
KPI_DW_UPDATE_DATE DATE  
);
```

--ITEM_DIM

```
CREATE TABLE ITEM_DIM (  
ITEM_ID NUMBER(20,0),  
SKU VARCHAR(100),  
TYPE_NAME VARCHAR(30),  
SALESDESCRIPTION VARCHAR(100),  
KPI_DW_SKEY NUMBER(20,0),  
KPI_DW_INSERT_DATE DATE,  
KPI_DW_UPDATE_DATE DATE,  
KPI_CLASS_SKEY NUMBER(20,0),  
WS_MERCHANDISE_DEPARTMENT_SKEY NUMBER(20,0),  
WS_MERCHANDISE_COLLECTION_SKEY NUMBER(20,0),  
WS_MERCHANDISE_CLASS_SKEY      NUMBER(20,0),  
WS_MERCHANDISE_SUBCLASS_SKEY   NUMBER(20,0)  
);
```

--CLASS_DIM

```
CREATE TABLE CLASS_DIM(  
CLASS_ID NUMBER(20,0),  
DATE_LAST_MODIFIED DATE,  
FULL_NAME VARCHAR(30),  
ISINACTIVE VARCHAR(5),  
NAME VARCHAR(5),  
KPI_DW_SKEY NUMBER(20,0),  
KPI_DW_INSERT_DATE DATE,  
KPI_DW_UPDATE_DATE DATE  
);
```

--KPI_ITEM_MERCHANDISE_DEPTARMENT_DIM

```
CREATE TABLE MERCHANDISE_DEPTARMENT_DIM (  
  ITEM_MERCHANDISE_DEPARTMENT_ID NUMBER(20,0),  
  DESCRIPTION VARCHAR(50),  
  ITEM_MERCHANDISE_DEPARTMENT_NA VARCHAR(10),  
  KPI_DW_SKEY NUMBER(20,0),  
  KPI_DW_INSERT_DATE DATE,  
  KPI_DW_UPDATE_DATE DATE  
);
```

--ITEM_MERCHANDISE_COLLECTION_DIM

```
CREATE TABLE MERCHANDISE_COLLECTION_DIM (  
  ITEM_MERCHANDISE_COLLECTION_ID NUMBER(20,0),  
  DESCRIPTION VARCHAR(50),  
  ITEM_MERCHANDISE_COLLECTION_NA VARCHAR(50),  
  KPI_DW_SKEY NUMBER(20,0),  
  KPI_DW_INSERT_DATE DATE,  
  KPI_DW_UPDATE_DATE DATE  
);
```

--KPI_ITEM_MERCHANDISE_CLASS_DIM

```
CREATE TABLE MERCHANDISE_CLASS_DIM(  
  ITEM_MERCHANDISE_CLASS_ID NUMBER(20,0),  
  DESCRIPTION VARCHAR(50),  
  ITEM_MERCHANDISE_CLASS_NAME VARCHAR(5),  
  KPI_DW_SKEY NUMBER(20,0),  
  KPI_DW_INSERT_DATE DATE,  
  KPI_DW_UPDATE_DATE DATE  
);
```

--KPI_TEM_MERCHANDISE_SUBCLASS_DIM

```
CREATE TABLE MERCHANDISE_SUBCLASS_DIM (  
  ITEM_MERCHANDISE_SUBCLASS_ID NUMBER(20,0),  
  DESCRIPTION VARCHAR(50),  
  ITEM_MERCHANDISE_SUBCLASS_NAME VARCHAR(10),  
  KPI_DW_SKEY NUMBER(20,0),  
  KPI_DW_INSERT_DATE DATE,  
  KPI_DW_UPDATE_DATE DATE  
);
```

--INSERTING DATA INTO TARET TABLE

```
--CHANNEL_DIM
SELECT * FROM channel_dim;
INSERT INTO
CHANNEL_DIM(Date_Created,IS_RECORD_INACTIVE,Last_Modified_Date,List_ID,List_Item_Name)
(SELECT * FROM HII.CHANNEL);
create sequence kpi_dw_skey;
UPDATE CHANNEL_DIM SET kpi_dw_skey=kpi_dw_skey.nextval;
```

```
UPDATE CHANNEL_DIM
SET kpi_dw_insert_date=(SELECT SYSDATE FROM DUAL)
WHERE kpi_dw_skey in (SELECT kpi_dw_skey FROM CHANNEL_DIM );
```

```
UPDATE CHANNEL_DIM
SET kpi_dw_UPDATE_date=(SELECT SYSDATE FROM DUAL)
WHERE kpi_dw_skey in (SELECT kpi_dw_skey FROM CHANNEL_DIM );
```

```
ALTER TABLE CHANNEL_DIM ADD CONSTRAINT pk_CHANNEL_DIM PRIMARY KEY (kpi_dw_skey);
```

```
DESC channel_dim;
```

```
--LOCATION_DIM
select * from location_dim;
insert into
location_dim(location_id,address,city,country,date_last_modified,full_name,isinactive,name)
(select * from HII.locations);
create sequence kpi_dw_skey;
update location_dim set kpi_dw_skey=kpi_dw_skey.nextval;
```

```
UPDATE LOCATION_DIM
SET kpi_dw_insert_date=(SELECT SYSDATE FROM DUAL)
WHERE kpi_dw_skey in (SELECT kpi_dw_skey FROM LOCATION_DIM );
```

```
UPDATE LOCATION_DIM
SET kpi_dw_update_date=(SELECT SYSDATE FROM DUAL)
WHERE kpi_dw_skey in (SELECT kpi_dw_skey FROM LOCATION_DIM );
```

```
ALTER TABLE LOCATION_DIM
```

```
ADD CONSTRAINT PK_LOCATION_DIM PRIMARY KEY(KPI_DW_SKEY);
```

```
--KPI_DEPARTMENT_DIM
```

```
select  
insert into  
DEPARTMENT_DIM(DATE_LAST_MODIFIED,DEPARTMENT_ID,ISINACTIVE,NAME,WS_DESCRIPTION)  
(select * from HII.DEPARTMENTS);
```

```
UPDATE DEPARTMENT_DIM  
SET kpi_dw_update_date=(SELECT SYSDATE FROM DUAL)  
WHERE kpi_dw_skey in (SELECT kpi_dw_skey FROM DEPARTMENT_DIM );
```

```
UPDATE DEPARTMENT_DIM  
SET kpi_dw_insert_date=(SELECT SYSDATE FROM DUAL)  
WHERE kpi_dw_skey in (SELECT kpi_dw_skey FROM DEPARTMENT_DIM );
```

```
update DEPARTMENT_DIM set kpi_dw_skey=kpi_dw_skey.nextval;
```

```
ALTER TABLE DEPARTMENT_DIM  
ADD CONSTRAINT PK_DEPARTMENT_DIM PRIMARY KEY(KPI_DW_SKEY);
```

```
alter table DEPARTMENT_DIM modify NAME VARCHAR(20);
```

```
--TRANSACTION_LINE_FACT
```

```
insert into  
TRANSACTION_LINE_FACT(TRANSACTION_ID,TRANSACTION_LINE_ID,TRANID,TRANSACTION_TYPE,AM  
OUNT,COST,UNITS)  
(select  
TRANSACTION_LINES.TRANSACTION_ID,TRANSACTION_LINES.TRANSACTION_LINE_ID,TRANSACTIONS  
.TRANID,TRANSACTIONS.TRANSACTION_TYPE,TRANSACTION_LINES.AMOUNT,TRANSACTION_LINES.CO  
ST,TRANSACTION_LINES.UNITS  
from HII.TRANSACTION_LINES JOIN HII.TRANSACTIONS ON  
HII.TRANSACTION_LINES.TRANSACTION_ID =HII.TRANSACTIONS.TRANSACTION_ID);
```

```
KPI_CHANNEL_SKEY NUMBER(20,0),  
KPI_LOCATION_SKEY NUMBER(20,0),  
KPI_DEPARTMENT_SKEY NUMBER(20,0),  
KPI_ITEM_SKEY NUMBER(20,0),
```

```
KPI_DW_SKEY NUMBER(20,0)
```

```
UPDATE TRANSACTION_LINE_FACT SET KPI_CHANNEL_SKEY=kpi_dw_skey.nextval;
```

```
UPDATE TRANSACTION_LINE_FACT SET KPI_LOCATION_SKEY=kpi_dw_skey.nextval;  
UPDATE TRANSACTION_LINE_FACT SET KPI_DEPARTMENT_SKEY=kpi_dw_skey.nextval;  
UPDATE TRANSACTION_LINE_FACT SET KPI_ITEM_SKEY=kpi_dw_skey.nextval;  
UPDATE TRANSACTION_LINE_FACT SET KPI_DW_SKEY=kpi_dw_skey.nextval;
```

```
ALTER TABLE TRANSACTION_LINE_FACT  
ADD CONSTRAINT PK_TRANSACTION_LINE_FACT PRIMARY KEY(KPI_DW_SKEY);
```

```
update DEPARTMENT_DIM set kpi_dw_skey=kpi_dw_skey.nextval;
```

```
SELECT * FROM TRANSACTION_LINE_FACT;
```

```
insert into TRANSACTION_LINE_FACT(TRANDATE)(SELECT HII.TRANSACTIONS.TRANDATE from  
HII.TRANSACTION_LINES JOIN HII.TRANSACTIONS ON HII.TRANSACTION_LINES.TRANSACTION_ID  
=HII.TRANSACTIONS.TRANSACTION_ID);
```

```
UPDATE TRANSACTION_LINE_FACT  
SET TRANDATE = HII.TRANSACTIONS.TRANDATE  
WHERE TRANSACTION_ID = (SELECT TRANSACTION_ID FROM HII.TRANSACTIONS);
```

```
UPDATE ITEM_DIM set KPI_CLASS_SKEY=(select CLASS_ID from hii.ITEMS where  
item_dim.item_id=hii.items.item_id);
```

```
update transaction_line_fact f set kpi_channel_skey = (select channel_id from
transaction.transactions t where f.transaction_id=t.transaction_id);
```

```
UPDATE ITEM_DIM SET WS_MERCHANDISE_DEPARTMENT_SKEY=(SELECT
WS_MERCHANDISE_DEPARTMENT_ID FROM HII.ITEMS WHERE
HII.ITEMS.ITEM_ID=item_dim.item_id )
```

```
UPDATE ITEM_DIM SET WS_MERCHANDISE_COLLECTION_SKEY=(SELECT
WS_MERCHANDISE_COLLECTION_ID FROM HII.ITEMS WHERE
HII.ITEMS.ITEM_ID=item_dim.item_id )
```

```
UPDATE ITEM_DIM SET WS_MERCHANDISE_CLASS_SKEY=(SELECT WS_MERCHANDISE_CLASS_ID
FROM HII.ITEMS WHERE HII.ITEMS.ITEM_ID=item_dim.item_id )
```

```
UPDATE ITEM_DIM SET WS_MERCHANDISE_SUBCLASS_SKEY=(SELECT
WS_MERCHANDISE_SUBCLASS_ID FROM HII.ITEMS WHERE HII.ITEMS.ITEM_ID=item_dim.item_id
)
```

```
UPDATE ITEM_DIM
SET kpi_dw_insert_date=(SELECT SYSDATE FROM DUAL)
WHERE kpi_dw_skey in (SELECT kpi_dw_skey FROM ITEM_DIM );
```

```
select * from ITEM_DIM;
```

```
ALTER TABLE ITEM_DIM ADD
```

```
ALTER TABLE ITEM_DIM
ADD CONSTRAINT fk_CLASS
FOREIGN KEY (KPI_CLASS_SKEY) REFERENCES MERCHANDISE_DEPTARMENT_DIM(KPI_DW_SKEY);
```

```
ALTER TABLE ITEM_DIM
ADD CONSTRAINT fk_CLASS_DEPARTMENT_SKEY
```

```
FOREIGN KEY (WS_MERCHANDISE_DEPARTMENT_SKEY) REFERENCES MERCHANDISE_DEPTARMENT_DIM  
(KPI_DW_SKEY);
```

```
ALTER TABLE ITEM_DIM  
ADD CONSTRAINT fk_CLASS_COLLECTION_SKEY  
FOREIGN KEY (WS_MERCHANDISE_COLLECTION_SKEY) REFERENCES MERCHANDISE_COLLECTION_DIM  
(KPI_DW_SKEY);
```

```
ALTER TABLE ITEM_DIM  
ADD CONSTRAINT fk_CLASS_SUBCLASS_SKEY  
FOREIGN KEY (WS_MERCHANDISE_SUBCLASS_SKEY) REFERENCES MERCHANDISE_CLASS_DIM  
(KPI_DW_SKEY);
```

```
ALTER TABLE TRANSACTION_LINE_FACT  
ADD CONSTRAINT fk_ITEM_SKEY  
FOREIGN KEY (KPI_ITEM_SKEY) REFERENCES ITEM_DIM (KPI_DW_SKEY);
```

```
DELETE FROM TRANSACTION_LINE_FACT  
WHERE KPI_ITEM_SKEY NOT IN (SELECT KPI_DW_SKEY FROM ITEM_DIM);
```