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TABLE: EMPLOYEE_DETAILS

Creating Table

```
create table DW_EMPLOYEE_DETAILS (

EMPLOYEE_ID INT NOT NULL,

LOCAL_COUNCIL_ID INT NOT NULL CONSTRAINT lc_fk REFERENCES
DW_LOCAL_COUNCIL(LOCALCOUNCIL_ID),

TITLE VARCHAR(10) NOT NULL,

FULL_NAME VARCHAR(60) NOT NULL,

CURRENT_STATUS VARCHAR(40) NOT NULL,

YEAR_QUALIFIED INT DEFAULT(0000) NOT NULL,

PRIMARY KEY(EMPLOYEE_ID)

);
```

Transferring

```
declare

Cursor c_client is


select EMPLOYEE_ID, LOCALCOUNCIL_ID, TITLE, FIRST_NAME, LAST_NAME, CURRENT_STATUS_ID,
YEAR_QUALIFIED, INITIALS, SHOW, DELETED

from EMPLOYEE_DETAILS;


begin

for c_rec in c_client loop

insert into DW_EMPLOYEE_DETAILS values(c_rec.EMPLOYEE_ID, c_rec.LOCALCOUNCIL_ID,
c_rec.TITLE, c_rec.FIRST_NAME || ' ' || c_rec.LAST_NAME, c_rec.CURRENT_STATUS_ID,
c_rec.YEAR_QUALIFIED);


end loop;

end;
```

Transforming

Title Replace

```
UPDATE EMPLOYEE_DETAILS SET TITLE = REPLACE(TITLE,'1','Dr');

UPDATE EMPLOYEE_DETAILS SET TITLE = REPLACE(TITLE,'2','Mr');

UPDATE EMPLOYEE_DETAILS SET TITLE = REPLACE(TITLE,'3','Miss');
```

```
UPDATE EMPLOYEE_DETAILS SET TITLE = REPLACE(TITLE,'4','Ms');

UPDATE EMPLOYEE_DETAILS SET CURRENT_STATUS_ID =
REPLACE(CURRENT_STATUS_ID,'5',Retainer);
```

Current Status Replace

Changing CURRENT STATUS to 40 Bytes

```
ALTER TABLE EMPLOYEE_DETAILS MODIFY CURRENT_STATUS_ID VARCHAR(40);

UPDATE EMPLOYEE_DETAILS SET CURRENT_STATUS_ID =
REPLACE(CURRENT_STATUS_ID,'3','Assistant');

UPDATE EMPLOYEE_DETAILS SET CURRENT_STATUS_ID = REPLACE(CURRENT_STATUS_ID,'8','Not
Known');

UPDATE EMPLOYEE_DETAILS SET CURRENT_STATUS_ID =
REPLACE(CURRENT_STATUS_ID,'4','Temporary');

UPDATE EMPLOYEE_DETAILS SET CURRENT_STATUS_ID =
REPLACE(CURRENT_STATUS_ID,'1','Principal Full-Time');

UPDATE EMPLOYEE_DETAILS SET CURRENT_STATUS_ID =
REPLACE(CURRENT_STATUS_ID,'6','Retired');

UPDATE EMPLOYEE_DETAILS SET CURRENT_STATUS_ID = REPLACE(CURRENT_STATUS_ID,'9','Other');
');

UPDATE EMPLOYEE_DETAILS SET CURRENT_STATUS_ID = REPLACE(CURRENT_STATUS_ID,'0','Not
Known');

UPDATE EMPLOYEE_DETAILS SET CURRENT_STATUS_ID = 'Not Known' WHERE CURRENT_STATUS_ID
IS NULL;
```

REMOVING NOT NULL EMPLOYEE_DETAILS

```
UPDATE EMPLOYEE_DETAILS SET YEAR_QUALIFIED = '0000' WHERE  YEAR_QUALIFIED IS NULL;
```

Changing to Capital Name

```
UPDATE employee_details SET FIRST_NAME = initcap(FIRST_NAME);

UPDATE employee_details SET LAST_NAME= initcap(LAST_NAME);

update EMPLOYEE_DETAILS SET FIRST_NAME = concat(FIRST_NAME, '.')
```

FIND ALL NULL WITH FIRST NAME AND LAST NAME

SELECT employee_id, LOCALCOUNCIL_ID, FIRST_NAME, LAST_NAME, YEAR_QUALIFIED FROM EMPLOYEE_DETAILS WHERE FIRST_NAME IS NULL and LAST_NAME IS NULL;

DELETES WHERE FIRST NAME AND LAST NAME IS NULL

DELETE FROM EMPLOYEE_DETAILS WHERE FIRST_NAME IS NULL and LAST_NAME IS NULL;;

FOREIGN KEYS MATCH

SELECT localcouncil_id FROM EMPLOYEE_DETAILS WHERE localcouncil_id not in (SELECT localcouncil_id from LOCAL_COUNCIL);

ALTER EMPLOYEE DETAIL TO NUMBER

ALTER TABLE DW_EMPLOYEE_DETAILS MODIFY YEAR_QUALIFIED NUMBER(5);

VIEW BY ORDER COUNCIL

SELECT LOCAL_COUNCIL_ID, full_name FROM dw_employee_details order by local_council_id asc;

Default Data

ALTER TABLE DW_EMPLOYEE_DETAILS

MODIFY TITLE DEFAULT 'M.';

ALTER TABLE DW_EMPLOYEE_DETAILS

MODIFY FULL_NAME DEFAULT 'N/A';

ALTER TABLE DW_EMPLOYEE_DETAILS

MODIFY CURRENT_STATUS DEFAULT 'Not Known';

ALTER TABLE DW_EMPLOYEE_DETAILS

MODIFY YEAR_QUALIFIED DEFAULT '0';

TABLE: LOCAL_COUNCIL

Creating Table

DROP TABLE DW_LOCAL_COUNCIL;

create table DW_LOCAL_COUNCIL (

LOCALCOUNCIL_ID INT NOT NULL,

LOCALCOUNCILNAME VARCHAR(255) NOT NULL,

ADDRESS VARCHAR(255) NOT NULL,

TOWN VARCHAR(255) NOT NULL,

COUNTY VARCHAR(255) NOT NULL,

```
POSTCODE VARCHAR(255) NOT NULL,

TELEPHONE VARCHAR(14) NOT NULL,

FAX VARCHAR(14) NOT NULL,

APPROXIMATE_LIST_SIZE INT NOT NULL,

TYPE_OF_COMPUTER_SYSTEM VARCHAR(80) NOT NULL,

COMPUTER_USED_IN_CONSULTATIONS VARCHAR(10) NOT NULL,

APPOINTMENT_SYSTEM INT NOT NULL,

LEAFLETS VARCHAR(10) NOT NULL,

TYPE_OF_LOCAL_COUNCIL NUMBER(38) NOT NULL,

PRIMARY KEY(LOCALCOUNCIL_ID)

);
```

Transferring

```
declare

Cursor c_client is


SELECT LOCALCOUNCIL_ID, LOCALCOUNCILNAME, ADDRESS_LINES_1, ADDRESS_LINE_2, TOWN,
COUNTY, POSTCODE, TELEPHONE, FAX,

APPROXIMATE_LIST_SIZE, TYPE_OF_COMPUTER_SYSTEM, COMPUTER_USED_IN_CONSULTATIONS,
APPOINTMENT_SYSTEM, LEAFLETS, TYPEOFLOCALCOUNCIL from LOCAL_COUNCIL;


begin

for c_rec in c_client loop

insert into DW_LOCAL_COUNCIL values(c_rec.LOCALCOUNCIL_ID, c_rec.LOCALCOUNCILNAME,
c_rec.ADDRESS_LINES_1 || ' ' ||  c_rec.ADDRESS_LINE_2, c_rec.TOWN, c_rec.COUNTY,

c_rec.POSTCODE, c_rec.TELEPHONE, c_rec.FAX, c_rec.APPROXIMATE_LIST_SIZE,
c_rec.TYPE_OF_COMPUTER_SYSTEM, c_rec.COMPUTER_USED_IN_CONSULTATIONS,
c_rec.APPOINTMENT_SYSTEM, c_rec.LEAFLETS, c_rec.TYPEOFLOCALCOUNCIL);

end loop;

end;
```

Transforming

ALTERING DATA TYPE

```
ALTER TABLE LOCAL_COUNCIL MODIFY TYPE_OF_COMPUTER_SYSTEM VARCHAR(80);
```

UPDATING TYPE OF CS

```
UPDATE LOCAL_COUNCIL SET TYPE_OF_COMPUTER_SYSTEM =
REPLACE(TYPE_OF_COMPUTER_SYSTEM,'4','Other');

UPDATE LOCAL_COUNCIL SET TYPE_OF_COMPUTER_SYSTEM =
REPLACE(TYPE_OF_COMPUTER_SYSTEM,'5','VAMP');

UPDATE LOCAL_COUNCIL SET TYPE_OF_COMPUTER_SYSTEM =
REPLACE(TYPE_OF_COMPUTER_SYSTEM,'6','Meditel');

UPDATE LOCAL_COUNCIL SET TYPE_OF_COMPUTER_SYSTEM =
REPLACE(TYPE_OF_COMPUTER_SYSTEM,'7','Micro Solutions GP Plus');

UPDATE LOCAL_COUNCIL SET TYPE_OF_COMPUTER_SYSTEM =
REPLACE(TYPE_OF_COMPUTER_SYSTEM,'9','EMIS');

UPDATE LOCAL_COUNCIL SET TYPE_OF_COMPUTER_SYSTEM =
REPLACE(TYPE_OF_COMPUTER_SYSTEM,'14','GP Exeter');

UPDATE LOCAL_COUNCIL SET TYPE_OF_COMPUTER_SYSTEM =
REPLACE(TYPE_OF_COMPUTER_SYSTEM,'12','Seetec');
```

DELETE EMPTY ROW

```
DELETE FROM local_council WHERE LOCALCOUNCIL_ID = '57'; CHANGE QUERY TO NULL FOR
```

UPDATING CONS TO YES OR NO

```
UPDATE LOCAL_COUNCIL SET COMPUTER_USED_IN_CONSULTATIONS =
REPLACE(COMPUTER_USED_IN_CONSULTATIONS,'0',’No’);

UPDATE LOCAL_COUNCIL SET COMPUTER_USED_IN_CONSULTATIONS =
REPLACE(COMPUTER_USED_IN_CONSULTATIONS,'1','Yes');
```

UPDATING LEAFLETS

```
UPDATE LOCAL_COUNCIL SET LEAFLETS = REPLACE(LEAFLETS,'1','Yes');

UPDATE LOCAL_COUNCIL SET LEAFLETS = REPLACE(LEAFLETS,'2',No);
```

FIXING ADDRESS

```
UPDATE LOCAL_COUNCIL SET TOWN = 'Bromley' WHERE TOWN = '13 Ravensbourne Road' AND
LOCALCOUNCILNAME = '13 Ravensbourne Road';

UPDATE LOCAL_COUNCIL SET LOCALCOUNCILNAME = 'Bromley' WHERE TOWN = 'Bromley' AND
LOCALCOUNCILNAME = '13 Ravensbourne Road';

Update Local_Council Set County = 'Kent' Where Address_Lines_1 = '13 Ravensbourne Road';

Update Local_Council Set County = 'Kent' Where Address_Lines_1 = '27 Brook Lane';

UPDATE LOCAL_COUNCIL SET COUNTY = 'Kent' WHERE localcouncil_id = '60';

UPDATE LOCAL_COUNCIL SET TOWN = 'Beckenham' WHERE localcouncil_id = '60';

UPDATE LOCAL_COUNCIL SET ADDRESS_LINE_2 = '' WHERE localcouncil_id = '60';

UPDATE LOCAL_COUNCIL SET localcouncilname = 'Beckenham' WHERE localcouncil_id = '60';
```

```
UPDATE LOCAL_COUNCIL SET COUNTY = 'Kent' WHERE localcouncil_id = '62';

UPDATE LOCAL_COUNCIL SET COUNTY = 'Kent' WHERE localcouncil_id = '63';

UPDATE LOCAL_COUNCIL SET TOWN = 'Orpington' WHERE localcouncil_id = '62';

UPDATE LOCAL_COUNCIL SET TOWN = 'Orpington' WHERE localcouncil_id = '63';

UPDATE LOCAL_COUNCIL SET ADDRESS_LINE_2 = '' WHERE localcouncil_id = '62';

UPDATE LOCAL_COUNCIL SET ADDRESS_LINE_2 = '' WHERE localcouncil_id = '63';

UPDATE LOCAL_COUNCIL SET LOCALCOUNCILNAME = 'Orpington' WHERE localcouncil_id = '62';

UPDATE LOCAL_COUNCIL SET LOCALCOUNCILNAME = 'Orpington' WHERE localcouncil_id = '63';

UPDATE LOCAL_COUNCIL SET TOWN = 'Bromley' WHERE localcouncil_id = '58';

UPDATE LOCAL_COUNCIL SET TOWN = 'Orpington' WHERE localcouncil_id = '59';

UPDATE LOCAL_COUNCIL SET ADDRESS_LINE_2 = '' WHERE localcouncil_id = '58';

UPDATE LOCAL_COUNCIL SET ADDRESS_LINE_2 = '' WHERE localcouncil_id = '59';

UPDATE LOCAL_COUNCIL SET LOCALCOUNCILNAME  = 'Bromley' WHERE localcouncil_id = '58';

UPDATE LOCAL_COUNCIL SET LOCALCOUNCILNAME  = 'Orpington' WHERE localcouncil_id = '59';

UPDATE LOCAL_COUNCIL SET localcouncilname = 'Penge' WHERE localcouncil_id = '40';

UPDATE LOCAL_COUNCIL SET TOWN = 'Penge' WHERE localcouncil_id = '40';
```

FIXING DEFAULT

```
UPDATE DW_LOCAL_COUNCIL SET APPROXIMATE_LIST_SIZE = '0000' WHERE
APPROXIMATE_LIST_SIZE IS NULL;

UPDATE DW_LOCAL_COUNCIL SET ADDRESS = 'N/A' WHERE  ADDRESS IS NULL;

UPDATE DW_LOCAL_COUNCIL SET FAX = `0` WHERE  FAX IS NULL;

UPDATE DW_LOCAL_COUNCIL SET LOCALCOUNCILNAME = `Not Known ` WHERE
LOCALCOUNCILNAME IS NULL;

UPDATE DW_LOCAL_COUNCIL SET TOWN = 'N/A' WHERE  TOWN IS NULL;

UPDATE DW_LOCAL_COUNCIL SET COUNTY = 'N/A' WHERE  COUNTY IS NULL;

UPDATE DW_LOCAL_COUNCIL SET POSTCODE = 'N/A' WHERE  POSTCODE IS NULL;

UPDATE DW_LOCAL_COUNCIL SET TYPE_OF_COMPUTER_SYSTEM = 'NOT Known' WHERE
TYPE_OF_COMPUTER_SYSTEM IS NULL;

UPDATE DW_LOCAL_COUNCIL SET TELEPHONE= `0` WHERE  TELEPHONE IS NULL;

UPDATE DW_LOCAL_COUNCIL SET APPROXIMATE_LIST_SIZE = `0` WHERE  APPROXIMATE_LIST_SIZE
IS NULL;

UPDATE DW_LOCAL_COUNCIL SET APPOINTMENT_SYSTEM= `0` WHERE  APPOINTMENT_SYSTEMIS
NULL;
```

```
UPDATE DW_LOCAL_COUNCIL SET TYPE_OF_LOCAL_COUNCIL= `0` WHERE
TYPE_OF_LOCAL_COUNCIL IS NULL;
```

DEFAULT SETTING

```
ALTER TABLE DW_LOCAL_COUNCIL MODIFY ADDRESS DEFAULT 'N/A';

ALTER TABLE DW_LOCAL_COUNCIL MODIFY ADDRESS NOT NULL;

ALTER TABLE DW_LOCAL_COUNCIL MODIFY FAX DEFAULT '0';

ALTER TABLE DW_LOCAL_COUNCIL MODIFY TOWN DEFAULT 'N/A';

ALTER TABLE DW_LOCAL_COUNCIL MODIFY COUNTY DEFAULT 'N/A';

ALTER TABLE DW_LOCAL_COUNCIL MODIFY POSTCODE DEFAULT 'N/A';

ALTER TABLE DW_LOCAL_COUNCIL MODIFY TELEPHONE DEFAULT '0';

ALTER TABLE DW_LOCAL_COUNCIL MODIFY APPROXIMATE_LIST_SIZE DEFAULT '0';

ALTER TABLE DW_LOCAL_COUNCIL MODIFY TYPE_OF_COMPUTER_SYSTEM DEFAULT 'Not Known';

ALTER TABLE DW_LOCAL_COUNCIL MODIFY COMPUTER_USED_IN_CONSULTATIONS DEFAULT 'No';

ALTER TABLE DW_LOCAL_COUNCIL MODIFY APPOINTMENT_SYSTEM DEFAULT '0';

ALTER TABLE DW_LOCAL_COUNCIL MODIFY LEAFLETS DEFAULT 'No';

ALTER TABLE DW_LOCAL_COUNCIL MODIFY TYPE_OF_LOCAL_COUNCIL DEFAULT '0';
```

TABLE: REFERENCES' DETAILS

Creating Table

```
drop table DW_REFEREES_DETAILS;

create table DW_REFEREES_DETAILS (

REFEREEID INT NOT NULL,

FULL_NAME VARCHAR(50) NOT NULL,

ADDRESS_LINE_1 VARCHAR(50) NOT NULL,

ADDRESS_LINE_2 VARCHAR(50),

TOWN VARCHAR(20),

COUNTY VARCHAR(20),

POSTCODE VARCHAR(10),

TELEPHONE VARCHAR(20),

PRIMARY KEY(REFEREEID)

);
```

Transferring

```
Create sequence DW_REFEREES_DETAILS_SEQ start with 3;

declare

Cursor c_client is

SELECT REFEREEID,

FIRST_NAME,

LAST_NAME,

ADDRESS_LINE_1,

ADDRESS_LINE_2,

TOWN,

COUNTY,

POSTCODE,

TEL from ST_REFEREES_DETAILS;

begin

for c_rec in c_client loop

insert into DW_REFEREES_DETAILS values(DW_REFEREES_DETAILS_SEQ.nextval, c_rec.FIRST_NAME
|| ' ' ||  c_rec.LAST_NAME, c_rec.ADDRESS_LINE_1, c_rec.ADDRESS_LINE_2,

c_rec.TOWN, c_rec.COUNTY, c_rec.POSTCODE, c_rec.TEL);
```

```
end loop;

end;
```

Transforming

MOVING ADDRESS

```
UPDATE ST_REFEREES_DETAILS SET ADDRESS_LINE_2 = '' WHERE REFEREEID = '3';

UPDATE ST_REFEREES_DETAILS SET TOWN = 'Upper Norwood' WHERE REFEREEID = '3';

UPDATE ST_REFEREES_DETAILS SET COUNTY = 'London' WHERE REFEREEID = '3';

UPDATE ST_REFEREES_DETAILS SET ADDRESS_LINE_2 = '' WHERE REFEREEID = '4';

UPDATE ST_REFEREES_DETAILS SET COUNTY = 'Oxford' WHERE REFEREEID = '4';

UPDATE ST_REFEREES_DETAILS SET TOWN = '' WHERE REFEREEID = '8';

UPDATE ST_REFEREES_DETAILS SET COUNTY = 'London' WHERE REFEREEID = '8';

UPDATE ST_REFEREES_DETAILS SET ADDRESS_LINE_2 = '' WHERE REFEREEID = '9';

UPDATE ST_REFEREES_DETAILS SET TOWN = 'West Wickham' WHERE REFEREEID = '9';

UPDATE ST_REFEREES_DETAILS SET COUNTY = 'Kent' WHERE REFEREEID = '9';

UPDATE ST_REFEREES_DETAILS SET ADDRESS_LINE_2 = '' WHERE REFEREEID = '14';

UPDATE ST_REFEREES_DETAILS SET TOWN = 'Streatham Hill' WHERE REFEREEID = '14';

UPDATE ST_REFEREES_DETAILS SET COUNTY = 'London' WHERE REFEREEID = '14';

UPDATE ST_REFEREES_DETAILS SET ADDRESS_LINE_2 = '' WHERE REFEREEID = '24';

UPDATE ST_REFEREES_DETAILS SET TOWN = 'Sidcup' WHERE REFEREEID = '24';

UPDATE ST_REFEREES_DETAILS SET COUNTY = 'Kent' WHERE REFEREEID = '24';

UPDATE ST_REFEREES_DETAILS SET ADDRESS_LINE_2 = '' WHERE REFEREEID = '25';

UPDATE ST_REFEREES_DETAILS SET TOWN = 'Sidcup' WHERE REFEREEID = '25';

UPDATE ST_REFEREES_DETAILS SET COUNTY = 'Kent' WHERE REFEREEID = '25';

UPDATE ST_REFEREES_DETAILS SET ADDRESS_LINE_2 = '' WHERE REFEREEID = '26';

UPDATE ST_REFEREES_DETAILS SET TOWN = 'East Croydon' WHERE REFEREEID = '26';

UPDATE ST_REFEREES_DETAILS SET COUNTY = 'Surrey' WHERE REFEREEID = '26';

UPDATE ST_REFEREES_DETAILS SET ADDRESS_LINE_2 = '' WHERE REFEREEID = '27';

UPDATE ST_REFEREES_DETAILS SET TOWN = 'Vanbrugh Hill' WHERE REFEREEID = '27';

UPDATE ST_REFEREES_DETAILS SET COUNTY = 'Greenwich' WHERE REFEREEID = '27';

UPDATE ST_REFEREES_DETAILS SET ADDRESS_LINE_2 = '' WHERE REFEREEID = '30';
```

```
UPDATE ST_REFEREES_DETAILS SET COUNTY = 'London' WHERE REFEREEID = '30';
UPDATE ST_REFEREES_DETAILS SET ADDRESS_LINE_2 = '' WHERE REFEREEID = '32';
UPDATE ST_REFEREES_DETAILS SET TOWN = 'West Wickham' WHERE REFEREEID = '32';
UPDATE ST_REFEREES_DETAILS SET COUNTY = 'Kent' WHERE REFEREEID = '32';
UPDATE ST_REFEREES_DETAILS SET ADDRESS_LINE_2 = '' WHERE REFEREEID = '41';
UPDATE ST_REFEREES_DETAILS SET TOWN = 'Childwall' WHERE REFEREEID = '41';
UPDATE ST_REFEREES_DETAILS SET COUNTY = 'Liverpool' WHERE REFEREEID = '41';
UPDATE ST_REFEREES_DETAILS SET ADDRESS_LINE_2 = '' WHERE REFEREEID = '45';
UPDATE ST_REFEREES_DETAILS SET TOWN = 'West Malling' WHERE REFEREEID = '45';
UPDATE ST_REFEREES_DETAILS SET COUNTY = 'Kent' WHERE REFEREEID = '45';
UPDATE ST_REFEREES_DETAILS SET ADDRESS_LINE_2 = '' WHERE REFEREEID = '50';
UPDATE ST_REFEREES_DETAILS SET TOWN = 'West Wickham' WHERE REFEREEID = '50';
UPDATE ST_REFEREES_DETAILS SET COUNTY = 'Kent' WHERE REFEREEID = '50';
UPDATE ST_REFEREES_DETAILS SET ADDRESS_LINE_2 = '' WHERE REFEREEID = '52';
UPDATE ST_REFEREES_DETAILS SET TOWN = 'Sittingbourne' WHERE REFEREEID = '52';
UPDATE ST_REFEREES_DETAILS SET COUNTY = 'Kent' WHERE REFEREEID = '52';
UPDATE ST_REFEREES_DETAILS SET ADDRESS_LINE_2 = '' WHERE REFEREEID = '53';
UPDATE ST_REFEREES_DETAILS SET TOWN = 'Pembury' WHERE REFEREEID = '53';
UPDATE ST_REFEREES_DETAILS SET COUNTY = 'Kent' WHERE REFEREEID = '53';
UPDATE ST_REFEREES_DETAILS SET ADDRESS_LINE_2 = '' WHERE REFEREEID = '55';
UPDATE ST_REFEREES_DETAILS SET TOWN = 'Bromley' WHERE REFEREEID = '55';
UPDATE ST_REFEREES_DETAILS SET COUNTY = 'Kent' WHERE REFEREEID = '55';
UPDATE ST_REFEREES_DETAILS SET ADDRESS_LINE_2 = '' WHERE REFEREEID = '62';
UPDATE ST_REFEREES_DETAILS SET TOWN = 'Orpington' WHERE REFEREEID = '62';
UPDATE ST_REFEREES_DETAILS SET COUNTY = 'Kent' WHERE REFEREEID = '62';
UPDATE ST_REFEREES_DETAILS SET ADDRESS_LINE_2 = '' WHERE REFEREEID = '66';
UPDATE ST_REFEREES_DETAILS SET TOWN = 'Petts Wood' WHERE REFEREEID = '66';
UPDATE ST_REFEREES_DETAILS SET COUNTY = 'Kent' WHERE REFEREEID = '66';
UPDATE ST_REFEREES_DETAILS SET ADDRESS_LINE_2 = '' WHERE REFEREEID = '69';
UPDATE ST_REFEREES_DETAILS SET TOWN = 'Mitcham' WHERE REFEREEID = '69';
UPDATE ST_REFEREES_DETAILS SET COUNTY = 'Surrey' WHERE REFEREEID = '69';
```

POSTCODE

CHANGING CAPITALS

```
UPDATE ST_REFEREES_DETAILS SET FIRST_NAME = 'David' WHERE REFEREEID = '242';

UPDATE ST_REFEREES_DETAILS SET LAST_NAME = 'Masters' WHERE REFEREEID = '242';

UPDATE ST_REFEREES_DETAILS SET ADDRESS_LINE_1 = 'Brook Lane Mission' WHERE REFEREEID =
'242';

UPDATE ST_REFEREES_DETAILS SET ADDRESS_LINE_2 = '198 Court Farm Road' WHERE REFEREEID =
'242';

UPDATE ST_REFEREES_DETAILS SET TOWN = 'Mottingham' WHERE REFEREEID = '242';

UPDATE ST_REFEREES_DETAILS SET COUNTY = 'London' WHERE REFEREEID = '242';

UPDATE ST_REFEREES_DETAILS SET LAST_NAME = 'Camidoc' WHERE REFEREEID = '239';

UPDATE ST_REFEREES_DETAILS SET COUNTY = 'London' WHERE REFEREEID = '16';

UPDATE ST_REFEREES_DETAILS SET ADDRESS_LINE_2 = '198 Court Farm Road' WHERE REFEREEID =
'16';

UPDATE ST_REFEREES_DETAILS SET POSTCODE = 'BR1 5NJ' WHERE REFEREEID = '259’;

UPDATE ST_REFEREES_DETAILS SET POSTCODE = 'BR1 5NJ' WHERE REFEREEID = '260';

UPDATE ST_REFEREES_DETAILS SET POSTCODE = 'S6V 0V7' WHERE REFEREEID = '111';
```

SEPERATING DATA

```
UPDATE ST_REFEREES_DETAILS SET POSTCODE = 'BR3 4DG' WHERE REFEREEID = '7';

UPDATE ST_REFEREES_DETAILS SET COUNTY = 'Kent' WHERE REFEREEID = '7';
```

REMOVING `

```
UPDATE ST_REFEREES_DETAILS SET POSTCODE = REPLACE(POSTCODE,'`','');
```

FINDING DUPLICATE KEY

```
SELECT

   FIRST_NAME, LAST_NAME, ADDRESS_LINE_1, COUNT(*)

FROM

   ST_REFEREES_DETAILS

GROUP BY

 FIRST_NAME, LAST_NAME, ADDRESS_LINE_1

HAVING COUNT(*) > 1;
```

REPLACE COMMAS WITH BLANK

```
UPDATE ST_REFEREES_DETAILS SET ADDRESS_LINE_1 = REPLACE(ADDRESS_LINE_1,',','');

UPDATE ST_REFEREES_DETAILS SET ADDRESS_LINE_2 = REPLACE(ADDRESS_LINE_2,',','');
```

DELETE NULL ROWS.

```
SELECT * FROM ST_REFEREES_DETAILS WHERE ADDRESS_LINE_1 IS NULL AND ADDRESS_LINE_2 IS NULL AND TOWN IS NULL AND COUNTY IS NULL AND POSTCODE IS NULL AND TEL IS NULL;


DELETE FROM ST_REFEREES_DETAILS WHERE refereeid = '131';

DELETE FROM ST_REFEREES_DETAILS WHERE refereeid = '233';

DELETE FROM ST_REFEREES_DETAILS WHERE refereeid = '243';
```

DEFAULT DATA

```
UPDATE DW_REFEREES_DETAILS SET ADDRESS_LINE_2 = 'N/A' WHERE  ADDRESS_LINE_2 IS NULL;

UPDATE DW_REFEREES_DETAILS SET TOWN = 'N/A' WHERE  TOWN IS NULL;

UPDATE DW_REFEREES_DETAILS SET COUNTY = 'N/A' WHERE  COUNTY IS NULL;

UPDATE DW_REFEREES_DETAILS SET POSTCODE = 'N/A' WHERE  POSTCODE IS NULL;

UPDATE DW_REFEREES_DETAILS SET TELEPHONE = '00000000000' WHERE  TELEPHONE IS NULL;
```

DEFAULT SETTING

```
ALTER TABLE DW_REFEREES_DETAILS MODIFY TOWN DEFAULT 'N/A';

ALTER TABLE DW_REFEREES_DETAILS MODIFY TOWN NOT NULL;

ALTER TABLE DW_REFEREES_DETAILS MODIFY ADDRESS_LINE_2 DEFAULT 'N/A';

ALTER TABLE DW_REFEREES_DETAILS MODIFY ADDRESS_LINE_2 NOT NULL;

ALTER TABLE DW_REFEREES_DETAILS MODIFY COUNTY DEFAULT 'N/A';

ALTER TABLE DW_REFEREES_DETAILS MODIFY COUNTY NOT NULL;

ALTER TABLE DW_REFEREES_DETAILS MODIFY POSTCODE DEFAULT 'N/A';

ALTER TABLE DW_REFEREES_DETAILS MODIFY POSTCODE NOT NULL;

ALTER TABLE DW_REFEREES_DETAILS MODIFY TELEPHONE DEFAULT '00000000000';

ALTER TABLE DW_REFEREES_DETAILS MODIFY TELEPHONE NOT NULL;
```

TABLE: REFERENCES

```
DROP TABLE DW_REFERENCES;

CREATE TABLE DW_REFERENCES(

REFERENCEID INT NOT NULL,

TEMPID INT NOT NULL,

REFEREEID INT NOT NULL CONSTRAINT rf_fk REFERENCES DW_REFEREES_DETAILS(REFEREEID),

DATE_REFERENCE_SENT DATE,

DATE_REFERENCE_RECEIVED DATE,

TELEPHONE_MADE VARCHAR(3) NOT NULL,

PRIMARY KEY(REFERENCEID)

);
```

Transferring

```
declare

Cursor c_client is

SELECT REFERENCEID,

TEMPID,

REFEREEID,

DATE_REFERENCE_SENT,

DATE_REFERENCE_RECEIVED,

TELEPHONE_MADE from ST_REFERENCES;

begin

for c_rec in c_client loop

insert into DW_REFERENCES values(c_rec.REFERENCEID, c_rec.TEMPID, c_rec.REFEREEID,
c_rec.DATE_REFERENCE_SENT, c_rec.DATE_REFERENCE_RECEIVED, c_rec.TELEPHONE_MADE);


end loop;

end;
```

Transforming

SELECT * FROM ST_REFERENCES WHERE REFEREEID not in (SELECT REFEREEID from DW_REFEREES_DETAILS);

REFERENCE FOREIGN KEY MATCH

49 - 267

50 – 268

51 - 269

52-270

53-271

54-272

55-273

56-274

57-275

58-276

DEFAULT DATA

UPDATE DW_REFERENCES SET DATE_REFERENCE_SENT = '01-DEC-00' WHERE DATE_REFERENCE_SENT IS NULL;

UPDATE DW_REFERENCES SET DATE_REFERENCE_RECEIVED = '01-DEC-00' WHERE DATE_REFERENCE_RECEIVED IS NULL;

UPDATE TELEPHONE TO YES/NO

UPDATE DW_REFERENCES SET TELEPHONE_MADE = REPLACE(TELEPHONE_MADE,'0','No');

UPDATE DW_REFERENCES SET TELEPHONE_MADE = REPLACE(TELEPHONE_MADE,'1','Yes');

ALTER DEFAULT SETTING

ALTER TABLE DW_REFERENCES

MODIFY DATE_REFERENCE_RECEIVED DEFAULT '01-DEC-00';

ALTER TABLE DW_REFERENCES

MODIFY DATE_REFERENCE_SENT DEFAULT '01-DEC-00';

ALTER TABLE DW_REFERENCES

MODIFY TELEPHONE_MADE DEFAULT 'No';

TABLE: SESSION

Creating table

```
CREATE TABLE DW_SESSION(
SESSIONID INT NOT NULL,
REQUESTID INT NOT NULL,
TEMPID INT NOT NULL,
SESSIONDATE VARCHAR(20) NOT NULL,
SESSIONSTART VARCHAR(20) NOT NULL,
SESSIONEND VARCHAR(20) NOT NULL,
STATUS VARCHAR(20) NOT NULL,
TYPE VARCHAR(20) NOT NULL,
EMPLOYEECOVERED INT NOT NULL,
DOPRINT VARCHAR(3) NOT NULL,
PRIMARY KEY(SESSIONID)
);
```

Transferring

```
declare
Cursor c_client is
SELECT SESSIONID,
REQUESTID,
TEMPID,
SESSIONDATE,
SESSIONSTART,
SESSIONEND,
STATUS,
TYPE,
EMPLOYEECOVERED,
DOPRINT from ST_SESSION;
begin
for c_rec in c_client loop
```

```
insert into DW_SESSION values(c_rec.SESSIONID, c_rec.REQUESTID, c_rec.TEMPID,
c_rec.SESSIONDATE, c_rec.SESSIONSTART, c_rec.SESSIONEND, c_rec.STATUS, c_rec.TYPE,
c_rec.EMPLOYEECOVERED, c_rec.DOPRINT);


end loop;

end;
```

Transforming

CHANGING ALL NULLS

```
UPDATE ST_SESSION SET TEMPID = '0' WHERE  TEMPID IS NULL;

UPDATE ST_SESSION SET EMPLOYEECOVERED = '0' WHERE  EMPLOYEECOVERED IS NULL;

UPDATE ST_SESSION SET DOPRINT = REPLACE(DOPRINT,'1','Yes');

UPDATE ST_SESSION SET DOPRINT = REPLACE(DOPRINT,'0','No');

UPDATE ST_SESSION SET SESSIONSTART = '00:00:00' WHERE  SESSIONSTART IS NULL;

UPDATE ST_SESSION SET SESSIONEND = '00:00:00' WHERE  SESSIONEND IS NULL;
```

DEFAULT SETTINGS

```
ALTER TABLE DW_SESSION

MODIFY EMPLOYEECOVERED DEFAULT '0';

ALTER TABLE DW_SESSION

MODIFY DOPRINT DEFAULT 'No';

ALTER TABLE DW_SESSION

MODIFY SESSIONSTART DEFAULT '00:00:00';

ALTER TABLE DW_SESSION

MODIFY SESSIONEND DEFAULT '00:00:00';
```

CHANGING TYPE

```
UPDATE DW_SESSION SET TYPE = REPLACE(TYPE,'6','Cashier');

UPDATE DW_SESSION SET TYPE = REPLACE(TYPE,'4','Store Assistant');

UPDATE DW_SESSION SET TYPE = REPLACE(TYPE,'3','Window Dresser');

UPDATE DW_SESSION SET TYPE = REPLACE(TYPE,'2','Floor Manager');

UPDATE DW_SESSION SET TYPE = REPLACE(TYPE,'1','Shop Assistant');

UPDATE DW_SESSION SET TYPE = REPLACE(TYPE,'0','Not Known');


UPDATE DW_SESSION SET STATUS = initcap(STATUS);
```

TABLE: TEMP_REQUEST

Create table

```
CREATE TABLE DW_TEMP_REQUEST(
TEMPREQUESTID          INT NOT NULL,
LOCALCOUNCIL_ID        INT NOT NULL,
REQUEST_DATE DATE NOT NULL,
START_DATE     DATE NOT NULL,
END_DATE       DATE NOT NULL,
MONDAY_AM   VARCHAR2(5) NOT NULL,
MONDAY_PM   VARCHAR2(5) NOT NULL,
TUESDAY_AM   VARCHAR2(5) NOT NULL,
TUESDAY_PM   VARCHAR2(5) NOT NULL,
WEDNESDAY_AM          VARCHAR2(5) NOT NULL,
WEDNESDAY_PM          VARCHAR2(5) NOT NULL,
THURSDAY_AM VARCHAR2(5) NOT NULL,
THURSDAY_PM VARCHAR2(5) NOT NULL,
FRIDAY_AM      VARCHAR2(5) NOT NULL,
FRIDAY_PM      VARCHAR2(5) NOT NULL,
SATURDAY_AM VARCHAR2(5) NOT NULL,
REQUEST_STATUS         INT NOT NULL,
NUMBER_OF_WEEKS    INT NOT NULL,
COMMENTS      VARCHAR2(10),
PRIMARY KEY(TEMPREQUESTID)
);
```

Transferring

```
declare
Cursor c_client is
SELECT TEMPREQUESTID,
LOCALCOUNCIL_ID,
REQUEST_DATE,
START_DATE,
END_DATE,
MONDAY_AM,
MONDAY_PM,
TUESDAY_AM,
TUESDAY_PM,
WEDNESDAY_AM,
WEDNESDAY_PM,
THURSDAY_AM,
THURSDAY_PM,
FRIDAY_AM,
FRIDAY_PM,
SATURDAY_AM,
REQUEST_STATUS,
NUMBER_OF_WEEKS,
COMMENTS from ST_TEMP_REQUEST;
begin
for c_rec in c_client loop
insert into DW_TEMP_REQUEST values(c_rec.TEMPREQUESTID, c_rec.LOCALCOUNCIL_ID,
c_rec.REQUEST_DATE, c_rec.START_DATE, c_rec.END_DATE,
c_rec.MONDAY_AM,
c_rec.MONDAY_PM,
c_rec.TUESDAY_AM,
c_rec.TUESDAY_PM,
c_rec.WEDNESDAY_AM,
c_rec.WEDNESDAY_PM,
```

```
c_rec.THURSDAY_AM,

c_rec.THURSDAY_PM,

c_rec.FRIDAY_AM,

c_rec.FRIDAY_PM,

c_rec.SATURDAY_AM,

c_rec.REQUEST_STATUS,

c_rec.NUMBER_OF_WEEKS,

c_rec.COMMENTS);


end loop;

end;
```

Transforming

UPDATING NULL

```
UPDATE ST_TEMP_REQUEST SET START_DATE = '01-DEC-00' WHERE  START_DATE IS NULL;

UPDATE ST_TEMP_REQUEST SET END_DATE = '01-DEC-00' WHERE  END_DATE IS NULL;

UPDATE ST_TEMP_REQUEST SET COMMENTS = ‘No Comment' WHERE  END_DATE IS NULL;
```

REPLACING NO IN TIMETABLE

```
UPDATE DW_TEMP_REQUEST SET MONDAY_AM = REPLACE(MONDAY_AM,'0', 'No');

UPDATE DW_TEMP_REQUEST SET MONDAY_PM = REPLACE(MONDAY_PM,'0', 'No');

UPDATE DW_TEMP_REQUEST SET TUESDAY_AM = REPLACE(TUESDAY_AM,'0', 'No');

UPDATE DW_TEMP_REQUEST SET TUESDAY_PM = REPLACE(TUESDAY_PM,'0', 'No');

UPDATE DW_TEMP_REQUEST SET WEDNESDAY_AM = REPLACE(WEDNESDAY_AM,'0', 'No');

UPDATE DW_TEMP_REQUEST SET WEDNESDAY_PM = REPLACE(WEDNESDAY_PM,'0', 'No');

UPDATE DW_TEMP_REQUEST SET THURSDAY_AM = REPLACE(THURSDAY_AM,'0', 'No');

UPDATE DW_TEMP_REQUEST SET THURSDAY_PM = REPLACE(THURSDAY_PM,'0', 'No');

UPDATE DW_TEMP_REQUEST SET FRIDAY_AM = REPLACE(FRIDAY_AM,'0', 'No');

UPDATE DW_TEMP_REQUEST SET FRIDAY_PM = REPLACE(FRIDAY_PM,'0', 'No');

UPDATE DW_TEMP_REQUEST SET SATURDAY_AM = REPLACE(SATURDAY_AM,'0', 'No');
```

DEFAULT SETTINGS

```
ALTER TABLE DW_TEMP_REQUEST MODIFY MONDAY_AM DEFAULT 'No';

ALTER TABLE DW_TEMP_REQUEST MODIFY MONDAY_PM DEFAULT 'No';

ALTER TABLE DW_TEMP_REQUEST MODIFY TUESDAY_AM DEFAULT 'No';
```

```
ALTER TABLE DW_TEMP_REQUEST MODIFY TUESDAY_PM DEFAULT 'No';
ALTER TABLE DW_TEMP_REQUEST MODIFY WEDNESDAY_AM DEFAULT 'No';
ALTER TABLE DW_TEMP_REQUEST MODIFY WEDNESDAY_PM DEFAULT 'No';
ALTER TABLE DW_TEMP_REQUEST MODIFY THURSDAY_AM DEFAULT 'No';
ALTER TABLE DW_TEMP_REQUEST MODIFY THURSDAY_PM DEFAULT 'No';
ALTER TABLE DW_TEMP_REQUEST MODIFY FRIDAY_AM DEFAULT 'No';
ALTER TABLE DW_TEMP_REQUEST MODIFY FRIDAY_PM DEFAULT 'No';
ALTER TABLE DW_TEMP_REQUEST MODIFY SATURDAY_AM DEFAULT 'No';
ALTER TABLE DW_TEMP_REQUEST MODIFY COMMENTS DEFAULT 'No Comment';
ALTER TABLE DW_TEMP_REQUEST MODIFY NUMBER_OF_WEEKS DEFAULT '0';
ALTER TABLE DW_TEMP_REQUEST MODIFY REQUEST_STATUS DEFAULT '0';
```

TABLE: TEMP

Create Table

```
CREATE TABLE DW_TEMP(

TEMPIDINT NOT NULL,

TITLE    VARCHAR(10) NOT NULL,

FIRST_NAME    VARCHAR2(20) NOT NULL,

LAST_NAME    VARCHAR2(20) NOT NULL,

ADDRESS_LINE_1        VARCHAR2(40) NOT NULL,

ADDRESS_LINE_2        VARCHAR2(40) NOT NULL,

TOWN            VARCHAR2(20) NOT NULL,

COUNTY                VARCHAR2(20) NOT NULL,

POSTCODE        VARCHAR2(20) NOT NULL,

TEL_HOME              VARCHAR2(20) NOT NULL,

FAX_HOME              VARCHAR2(20) NOT NULL,

TEL_WORK              VARCHAR2(20) NOT NULL,

FAX_WORK              VARCHAR2(20) NOT NULL,

EMAIL                 VARCHAR(30) NOT NULL,

MOBILE_PHONE                  VARCHAR2(20) NOT NULL,

APP_SENT        DATE NOT NULL,

GENDER                VARCHAR2(20) NOT NULL,

CURRENT_STATUS                VARCHAR2(20) NOT NULL,

DATE_OF_BIRTH                 VARCHAR2(20) NOT NULL,

NATIONALITY    VARCHAR2(20) NOT NULL,

USE_OF_CAR    VARCHAR2(20) NOT NULL,

QUALIFICATION_YEAR            VARCHAR2(20) NOT NULL,

QUALIFICATION_PLACE           VARCHAR2(20) NOT NULL,

TYPE_OF_COVER_PREFERRED               VARCHAR2(20) NOT NULL,

MONDAY_AM    VARCHAR2(5) NOT NULL,

MONDAY_PM    VARCHAR2(5) NOT NULL,

TUESDAY_AM    VARCHAR2(5) NOT NULL,

TUESDAY_PM    VARCHAR2(5) NOT NULL,
```

```
WEDNESDAY_AM          VARCHAR2(5) NOT NULL,
WEDNESDAY_PM          VARCHAR2(5) NOT NULL,
THURSDAY_AM VARCHAR2(5) NOT NULL,
THURSDAY_PM VARCHAR2(5) NOT NULL,
FRIDAY_AM       VARCHAR2(5) NOT NULL,
FRIDAY_PM       VARCHAR2(5) NOT NULL,
SATURDAY_AM VARCHAR2(5) NOT NULL,
TEMP_REGISTRATION_STATUS   VARCHAR2(20) NOT NULL,
APP_RECEIVED  VARCHAR2(5) NOT NULL,
TEMPSTATUS     VARCHAR2(5) NOT NULL,
PRIMARY KEY(TEMPID)
);
```

INCLUDE EMAIL

Transferring

```
declare
Cursor c_client is
SELECT TEMP_ID,
TITLE,
FIRST_NAME,
LAST_NAME,
ADDRESS_LINE_1,
ADDRESS_LINE_2,
TOWN,
COUNTY,
POSTCODE,
TEL_HOME,
FAX_HOME,
TEL_WORK,
FAX_WORK,
EMAIL,
```

```
MOBILE_PHONE,
DATE_SENT,
GENDER,
CURRENT_STATUS,
DATE_OF_BIRTH,
NATIONALITY,
USE_OF_A_CAR,
QUALIFICATION_YEAR,
QUALIFICATION_PLACE,
TYPE_OF_COVER_PREFERRED,
MONDAY_AM,
MONDAY_PM,
TUESDAY_AM,
TUESDAY_PM,
WEDNESDAY_AM,
WEDNESDAY_PM,
THURSDAY_AM,
THURSDAY_PM,
FRIDAY_AM,
FRIDAY_PM,
SATURDAY_AM,
TEMP_REGISTRATION_STATUS,
DATE_RECEIVED,
TEMPSTATUS from ST_TEMP;
begin
for c_rec in c_client loop
insert into DW_TEMP values(
c_rec.TEMP_ID,
c_rec.TITLE,
c_rec.FIRST_NAME,
c_rec.LAST_NAME,
```

c_rec.ADDRESS_LINE_1,

c_rec.ADDRESS_LINE_2,

c_rec.TOWN,

c_rec.COUNTY,

c_rec.POSTCODE,

c_rec.TEL_HOME,

c_rec.FAX_HOME,

c_rec.TEL_WORK,

c_rec.FAX_WORK,

c_rec.EMAIL,

c_rec.MOBILE_PHONE,

c_rec.DATE_SENT,

c_rec.GENDER,

c_rec.CURRENT_STATUS,

c_rec.DATE_OF_BIRTH,

c_rec.NATIONALITY,

c_rec.USE_OF_A_CAR,

c_rec.QUALIFICATION_YEAR,

c_rec.QUALIFICATION_PLACE,

c_rec.TYPE_OF_COVER_PREFERRED,

c_rec.MONDAY_AM,

c_rec.MONDAY_PM,

c_rec.TUESDAY_AM,

c_rec.TUESDAY_PM,

c_rec.WEDNESDAY_AM,

c_rec.WEDNESDAY_PM,

c_rec.THURSDAY_AM,

c_rec.THURSDAY_PM,

c_rec.FRIDAY_AM,

c_rec.FRIDAY_PM,

c_rec.SATURDAY_AM,

```
c_rec.TEMP_REGISTRATION_STATUS,
c_rec.DATE_RECEIVED,
c_rec.TEMPSTATUS);

end loop;
end;
```

Transforming

REPLACING ALL NULLS

```
UPDATE ST_TEMP SET TITLE = '0' WHERE  TITLE IS NULL;

UPDATE ST_TEMP SET FIRST_NAME = 'N/A' WHERE  FIRST_NAME IS NULL;

UPDATE ST_TEMP SET TEL_HOME = '00000000000' WHERE  TEL_HOME IS NULL;

UPDATE ST_TEMP SET FAX_HOME = '00000000000' WHERE  FAX_HOME IS NULL;

UPDATE ST_TEMP SET TEL_WORK = '00000000000' WHERE  TEL_WORK IS NULL;

UPDATE ST_TEMP SET FAX_WORK = '00000000000' WHERE  FAX_WORK IS NULL;

UPDATE ST_TEMP SET MOBILE_PHONE = '00000000000' WHERE  MOBILE_PHONE IS NULL;

UPDATE ST_TEMP SET GENDER = REPLACE(GENDER,'1','Female');

UPDATE ST_TEMP SET GENDER = REPLACE(GENDER,'2','Male');

UPDATE ST_TEMP SET GENDER = REPLACE(GENDER,'0','Not Known');

UPDATE ST_TEMP SET GENDER = REPLACE(GENDER,'','Not Known');

UPDATE ST_TEMP SET GENDER = 'Not Known' WHERE  GENDER IS NULL;

UPDATE ST_TEMP SET DATE_OF_BIRTH = '01/12/2000' WHERE  DATE_OF_BIRTH IS NULL;
```

CHANGING NATIONALITY

```
UPDATE ST_TEMP SET NATIONALITY = REPLACE(NATIONALITY,'1','British');

UPDATE ST_TEMP SET NATIONALITY = REPLACE(NATIONALITY,'2','Irish');

UPDATE ST_TEMP SET NATIONALITY = REPLACE(NATIONALITY,'5','African');

UPDATE ST_TEMP SET NATIONALITY = REPLACE(NATIONALITY,'7','Not Known');

UPDATE ST_TEMP SET NATIONALITY = REPLACE(NATIONALITY,'3', 'Not Known');

UPDATE ST_TEMP SET NATIONALITY = REPLACE(NATIONALITY,'4', 'Not Known');

UPDATE ST_TEMP SET NATIONALITY = REPLACE(NATIONALITY,'10', 'European');

UPDATE ST_TEMP SET NATIONALITY = REPLACE(NATIONALITY,'13', 'Indian');

UPDATE ST_TEMP SET NATIONALITY = REPLACE(NATIONALITY,'9', 'South Africa');

UPDATE ST_TEMP SET NATIONALITY = 'Not Known' WHERE  NATIONALITY IS NULL;
```

CHANGING CAR

```
UPDATE ST_TEMP SET USE_OF_A_CAR = REPLACE(USE_OF_A_CAR,'0', 'No');

UPDATE ST_TEMP SET USE_OF_A_CAR = REPLACE(USE_OF_A_CAR,'1', 'Yes');
```

CHANGING QUALIFCIATION NULL

```
UPDATE ST_TEMP SET QUALIFICATION_YEAR = '0000' WHERE  QUALIFICATION_YEAR IS NULL;

UPDATE ST_TEMP SET QUALIFICATION_PLACE = 'Not Known' WHERE  QUALIFICATION_PLACE IS NULL;
```

REPLACING NULLS IN TIMETABLE

```
UPDATE ST_TEMP SET MONDAY_AM = REPLACE(MONDAY_AM,'1', 'Yes');

UPDATE ST_TEMP SET MONDAY_PM = REPLACE(MONDAY_PM,'1', 'Yes');

UPDATE ST_TEMP SET TUESDAY_AM = REPLACE(TUESDAY_AM,'1', 'Yes');

UPDATE ST_TEMP SET TUESDAY_PM = REPLACE(TUESDAY_PM,'1', 'Yes');

UPDATE ST_TEMP SET WEDNESDAY_AM = REPLACE(WEDNESDAY_AM,'1', 'Yes');

UPDATE ST_TEMP SET WEDNESDAY_PM = REPLACE(WEDNESDAY_PM,'1', 'Yes');

UPDATE ST_TEMP SET THURSDAY_AM = REPLACE(THURSDAY_AM,'1', 'Yes');

UPDATE ST_TEMP SET THURSDAY_PM = REPLACE(THURSDAY_PM,'1', 'Yes');

UPDATE ST_TEMP SET FRIDAY_AM = REPLACE(FRIDAY_AM,'1', 'Yes');

UPDATE ST_TEMP SET FRIDAY_PM = REPLACE(FRIDAY_PM,'1', 'Yes');

UPDATE ST_TEMP SET SATURDAY_AM = REPLACE(SATURDAY_AM,'1', 'Yes');

UPDATE ST_TEMP SET MONDAY_AM = REPLACE(MONDAY_AM,'0', 'No');

UPDATE ST_TEMP SET MONDAY_PM = REPLACE(MONDAY_PM,'0', 'No');

UPDATE ST_TEMP SET TUESDAY_AM = REPLACE(TUESDAY_AM,'0', 'No');

UPDATE ST_TEMP SET TUESDAY_PM = REPLACE(TUESDAY_PM,'0', 'No');

UPDATE ST_TEMP SET WEDNESDAY_AM = REPLACE(WEDNESDAY_AM,'0', 'No');

UPDATE ST_TEMP SET WEDNESDAY_PM = REPLACE(WEDNESDAY_PM,'0', 'No');

UPDATE ST_TEMP SET THURSDAY_AM = REPLACE(THURSDAY_AM,'0', 'No');

UPDATE ST_TEMP SET THURSDAY_PM = REPLACE(THURSDAY_PM,'0', 'No');

UPDATE ST_TEMP SET FRIDAY_AM = REPLACE(FRIDAY_AM,'0', 'No');

UPDATE ST_TEMP SET FRIDAY_PM = REPLACE(FRIDAY_PM,'0', 'No');

UPDATE ST_TEMP SET SATURDAY_AM = REPLACE(SATURDAY_AM,'0', 'No');

UPDATE ST_TEMP SET ADDRESS_LINE_1 = REPLACE(ADDRESS_LINE_1,'"', '');
```

UPDATING ADDRESS STATEMENTS

REPLACING ALL NULLS IN ADDRESS

```
UPDATE ST_TEMP SET ADDRESS_LINE_1 = 'Not Known' WHERE  ADDRESS_LINE_1 IS NULL;

UPDATE ST_TEMP SET ADDRESS_LINE_2 = 'Not Known' WHERE  ADDRESS_LINE_2 IS NULL;

UPDATE ST_TEMP SET TOWN = 'Not Known' WHERE  TOWN IS NULL;

UPDATE ST_TEMP SET COUNTY = 'Not Known' WHERE  COUNTY IS NULL;

UPDATE ST_TEMP SET POSTCODE = 'N/A' WHERE  POSTCODE IS NULL;
```

CHANGING STATUS

```
UPDATE DW_TEMP SET CURRENT_STATUS = REPLACE(CURRENT_STATUS,'0','Not Known');

UPDATE DW_TEMP SET CURRENT_STATUS = REPLACE(CURRENT_STATUS,'7.0,'Other');

UPDATE DW_TEMP SET CURRENT_STATUS = REPLACE(CURRENT_STATUS,'6.0,'Retired');

UPDATE DW_TEMP SET CURRENT_STATUS = REPLACE(CURRENT_STATUS,'3.0','Assistant');

UPDATE DW_TEMP SET CURRENT_STATUS = REPLACE(CURRENT_STATUS,'1.0','Principal Full-Time');

UPDATE DW_TEMP SET CURRENT_STATUS = REPLACE(CURRENT_STATUS,'5.0','Retainer');

UPDATE DW_TEMP SET CURRENT_STATUS = REPLACE(CURRENT_STATUS,'4.0','Temporary');

UPDATE DW_TEMP SET CURRENT_STATUS = REPLACE(CURRENT_STATUS,'2.0','Principal Part-Time');
```

CHANGING STATUS

```
UPDATE DW_TEMP SET TYPE_OF_COVER_PREFERRED =
REPLACE(TYPE_OF_COVER_PREFERRED,'0','Not Known');

UPDATE DW_TEMP SET TYPE_OF_COVER_PREFERRED =
REPLACE(TYPE_OF_COVER_PREFERRED,'3.0','Window Dresser');

UPDATE DW_TEMP SET TYPE_OF_COVER_PREFERRED =
REPLACE(TYPE_OF_COVER_PREFERRED,'1.0','Shop Assistant');

UPDATE DW_TEMP SET TYPE_OF_COVER_PREFERRED =
REPLACE(TYPE_OF_COVER_PREFERRED,'4.0','Stores Assistant');

UPDATE DW_TEMP SET TYPE_OF_COVER_PREFERRED =
REPLACE(TYPE_OF_COVER_PREFERRED,'2.0','Floor Manager');
```

CHANGING REGISTRATION STATUS

```
ALTER TABLE DW_TEMP MODIFY TEMP_REGISTRATION_STATUS VARCHAR(30);

UPDATE DW_TEMP SET TEMP_REGISTRATION_STATUS =
REPLACE(TEMP_REGISTRATION_STATUS,'0','Not Known');

UPDATE DW_TEMP SET TEMP_REGISTRATION_STATUS =
REPLACE(TEMP_REGISTRATION_STATUS,'14','None');

UPDATE DW_TEMP SET TEMP_REGISTRATION_STATUS =
REPLACE(TEMP_REGISTRATION_STATUS,'6.0','Waiting for a decision');
```

```
UPDATE DW_TEMP SET TEMP_REGISTRATION_STATUS =
REPLACE(TEMP_REGISTRATION_STATUS,'5.0','Waiting for Both References');

UPDATE DW_TEMP SET TEMP_REGISTRATION_STATUS =
REPLACE(TEMP_REGISTRATION_STATUS,'4.0','Waiting for 1 Reference');

UPDATE DW_TEMP SET TEMP_REGISTRATION_STATUS =
REPLACE(TEMP_REGISTRATION_STATUS,'1.0','Waiting for Application Form');
```

CHANGING TEMP STATUS

```
UPDATE DW_TEMP SET TEMPSTATUS = REPLACE(TEMPSTATUS,'1.0','Live');

UPDATE DW_TEMP SET TEMPSTATUS = REPLACE(TEMPSTATUS,'2.0','Archive');

UPDATE DW_TEMP SET TEMPSTATUS = REPLACE(TEMPSTATUS,'0','Not Known');
```

DEFAULT SETTINGS

```
ALTER TABLE DW_TEMP MODIFY ADDRESS_LINE_1 DEFAULT 'Not Known';

ALTER TABLE DW_TEMP MODIFY ADDRESS_LINE_2 DEFAULT 'Not Known';

ALTER TABLE DW_TEMP MODIFY TOWN DEFAULT 'Not Known';

ALTER TABLE DW_TEMP MODIFY COUNTY DEFAULT 'Not Known';

ALTER TABLE DW_TEMP MODIFY GENDER DEFAULT 'Not Known';

ALTER TABLE DW_TEMP MODIFY CURRENT_STATUS DEFAULT 'Not Known';

ALTER TABLE DW_TEMP MODIFY NATIONALITY DEFAULT 'Not Known';

ALTER TABLE DW_TEMP MODIFY QUALIFICATION_PLACE DEFAULT 'Not Known';

ALTER TABLE DW_TEMP MODIFY TYPE_OF_COVER_PREFERRED DEFAULT 'Not Known';

ALTER TABLE DW_TEMP MODIFY TEMP_REGISTRATION_STATUS DEFAULT 'Not Known';

ALTER TABLE DW_TEMP MODIFY TEMPSTATUS DEFAULT 'Not Known';

ALTER TABLE DW_TEMP MODIFY FIRST_NAME DEFAULT 'N/A';

ALTER TABLE DW_TEMP MODIFY LAST_NAME DEFAULT 'N/A';

ALTER TABLE DW_TEMP MODIFY POSTCODE DEFAULT 'N/A';

ALTER TABLE DW_TEMP MODIFY TEL_HOME DEFAULT '00000000000';

ALTER TABLE DW_TEMP MODIFY FAX_HOME DEFAULT '00000000000';

ALTER TABLE DW_TEMP MODIFY TEL_WORK DEFAULT '00000000000';

ALTER TABLE DW_TEMP MODIFY FAX_WORK DEFAULT '00000000000';

ALTER TABLE DW_TEMP MODIFY MOBILE_PHONE DEFAULT '00000000000';

ALTER TABLE DW_TEMP MODIFY MONDAY_AM DEFAULT 'No';

ALTER TABLE DW_TEMP MODIFY MONDAY_PM DEFAULT 'No';

ALTER TABLE DW_TEMP MODIFY TUESDAY_AM DEFAULT 'No';
```

```
ALTER TABLE DW_TEMP MODIFY TUESDAY_PM DEFAULT 'No';

ALTER TABLE DW_TEMP MODIFY WEDNESDAY_AM DEFAULT 'No';

ALTER TABLE DW_TEMP MODIFY WEDNESDAY_PM DEFAULT 'No';

ALTER TABLE DW_TEMP MODIFY THURSDAY_AM DEFAULT 'No';

ALTER TABLE DW_TEMP MODIFY THURSDAY_PM DEFAULT 'No';

ALTER TABLE DW_TEMP MODIFY FRIDAY_AM DEFAULT 'No';

ALTER TABLE DW_TEMP MODIFY FRIDAY_PM DEFAULT 'No';

ALTER TABLE DW_TEMP MODIFY SATURDAY_AM DEFAULT 'No';

ALTER TABLE DW_TEMP MODIFY APP_RECEIVED DEFAULT '01/12/2000';
```

EMAIL NULL

```
UPDATE DW_TEMP SET EMAIL = 'Not Known' WHERE  EMAIL IS NULL;


UPDATE DW_TEMP SET TITLE = REPLACE(TITLE,'0','Ms') WHERE GENDER = 'Female';

UPDATE DW_TEMP SET TITLE = REPLACE(TITLE,'0','Mr') WHERE GENDER = 'Male';
```

TABLE: DW_TEMPCOMPATIBILITYDETAILS

Create Table

```
CREATE SEQUENCE DW_TEMPCOMPATIBILITYDETAILS_SEQ;

CREATE TABLE DW_TEMPCOMPATIBILITYDETAILS (

TEMPCOMPATIBILITYDETAILS_ID INT NOT NULL,

TEMPID INT NOT NULL,

BRANCHID        VARCHAR2(20 BYTE) NOT NULL,

COMPATIBILITY VARCHAR2(5 BYTE) NOT NULL,

PRIMARY KEY(TEMPCOMPATIBILITYDETAILS_ID)

);
```

Transferring

```
declare

Cursor c_client is

SELECT TEMPID,

BRANCHID,

COMPATIBILITY from ST_TEMPCOMPATIBILITYDETAILS;

begin

for c_rec in c_client loop

insert into DW_TEMPCOMPATIBILITYDETAILS
values(DW_TEMPCOMPATIBILITYDETAILS_SEQ.nextval, c_rec.TEMPID, c_rec.BRANCHID,
c_rec.COMPATIBILITY);


end loop;

end;
```

DEFAULT SETTINGS

```
ALTER TABLE DW_TEMPCOMPATIBILITYDETAILS MODIFY COMPATIBILITY DEFAULT '0';
```

TABLE: DW_TIME

Create table

```
create table DW_TIME (

DATE_ID date NOT NULL,

DAY     number(4) NOT NULL,

DAY_NAME VARCHAR2(9) NOT NULL,

DAY_OF_WEEK VARCHAR2(6),

MONTH_NO  NUMBER(4),

MONTH_NAME VARCHAR2(12),

LAST_DAY_OF_MONTH number(10),

YEAR   number(6),

QUARTER VARCHAR2(6),

WEEK_OF_MONTH  NUMBER(4),

WEEK_OF_YEAR  VARCHAR2(6),

PRIMARY KEY (DATE_ID),

CONSTRAINT SESSION_S_DAY CHECK(DAY<=31),

CONSTRAINT SESSION_S_DAY_NAME CHECK(DAY_NAME IN('MONDAY', 'TUESDAY', 'WEDNESDAY',
'THURSDAY', 'FRIDAY', 'SATURDAY', 'SUNDAY')),

CONSTRAINT SESSION_S_WEEK CHECK(WEEK_OF_YEAR<=56),

CONSTRAINT SESSION_S_MONTH_NO CHECK(MONTH_NO<=12),

CONSTRAINT SESSION_S_MONTH_NAME CHECK(MONTH_NAME IN('JANUARY', 'FEBRUARY',
'MARCH', 'APRIL', 'MAY', 'JUNE', 'JULY' , 'AUGUST', 'SEPTEMBER', 'OCTOBER', 'NOVEMBER',
'DECEMBER')));
```

Cursor Populating

```
declare
Cursor c_client is
SELECT SESSIONID, REQUESTID, SESSION_DATE, STATUS FROM ST_SESSION;
begin
for c_rec in c_client loop
insert into DW_TIME values(dw_time_seq1.nextval,
to_char(c_rec.SESSION_DATE,'DD'),
to_char(c_rec.SESSION_DATE,'DAY'),
to_char(c_rec.SESSION_DATE,'D'),
to_char(c_rec.SESSION_DATE,'MM'),
to_char(c_rec.SESSION_DATE,'MONTH'),
to_char(LAST_DAY(c_rec.SESSION_DATE)),
to_char(c_rec.SESSION_DATE,'yyyy'),
to_char(c_rec.SESSION_DATE,'Q'),
to_char(c_rec.SESSION_DATE,'W'),
to_char(c_rec.SESSION_DATE,'WW'));
end loop;
end;
```

Transforming

Alter default settings

DEFAULT DATA

```
ALTER TABLE DW_TIME MODIFY DATE_ID NOT NULL;

ALTER TABLE DW_TIME MODIFY DAY NOT NULL;

ALTER TABLE DW_TIME MODIFY DAY_NAME NOT NULL;

ALTER TABLE DW_TIME MODIFY DAY_OF_WEEK NOT NULL;

ALTER TABLE DW_TIME MODIFY MONTH_NO NOT NULL;

ALTER TABLE DW_TIME MODIFY MONTH_NAME NOT NULL;

ALTER TABLE DW_TIME MODIFY LAST_DAY_OF_MONTH NOT NULL;

ALTER TABLE DW_TIME MODIFY YEAR NOT NULL;

ALTER TABLE DW_TIME MODIFY QUARTER NOT NULL;

ALTER TABLE DW_TIME MODIFY WEEK_OF_MONTH NOT NULL;

ALTER TABLE DW_TIME MODIFY WEEK_OF_YEAR NOT NULL;
```

TABLE: DW_FACT_SESSION

```
DROP TABLE DW_FACT_SESSION;

CREATE TABLE DW_FACT_SESSION(

FACTID INT NOT NULL,

SESSIONID VARCHAR(255),

TEMPID VARCHAR(255),

TEMPREQUESTID VARCHAR(255),

LOCAL_COUNCIL_ID VARCHAR(255),

SESSIONDATE    DATE,

SESSIONSTART VARCHAR(20),

SESSIONEND VARCHAR(20),

STATUS VARCHAR(20),

TYPE     VARCHAR(20),

EMPLOYEECOVERED      NUMBER,

DOPRINT          VARCHAR(3),

PRIMARY KEY(FACTID))

partition  by RANGE(SESSIONDATE)

          (

partition SESSIONS_2011 values less than (To_Date('31-12-2011', 'DD-MM-YYYY')),

partition SESSIONS_2012 values  less than(To_Date('31-12-2012', 'DD-MM-YYYY')));
```

Transferring

```
INSERT INTO DW_FACT_SESSION( FACTID, SESSIONID, TEMPREQUESTID, TEMPID,

LOCAL_COUNCIL_ID,  SESSIONDATE, SESSIONSTART, SESSIONEND, STATUS, TYPE,
EMPLOYEECOVERED, DOPRINT)

select  DW_FACT_TABLE_SEQ.nextval, s.sessionid, r.temprequestid, t.tempid, c.localcouncil_id,
To_Date(s.sessiondate, 'DD-MM-YYYY'),

s.sessionstart, s.sessionend, s.status, s.type, s.employeecovered, s.doprint

from dw_session s

inner join dw_temp t on (s.tempid = t.tempid)

inner join DW_TEMP_REQUEST r on (s.TEMPREQUESTID = r.TEMPREQUESTID)

inner join DW_LOCAL_COUNCIL c on (r.LOCALCOUNCIL_ID = c.LOCALCOUNCIL_ID);
```

PARTITION VIEW

```
SELECT * FROM DW_FACT_SESSION PARTITION(SESSIONS_2011);

SELECT * FROM DW_FACT_SESSION PARTITION(SESSIONS_2012);
```

MATERIALISED VIEW

EMPLOYEE_DETAILS_VIEW

```
DROP MATERIALIZED VIEW VIEW_EMPLOYEE_DETAILS;

Create Materialized view DW_VIEW_EMPLOYEE_DETAILS

Build deferred

Refresh on demand

Enable query rewrite

As select s.LOCAL_COUNCIL_ID, c.LOCALCOUNCILNAME, TITLE, FULL_NAME from
DW_LOCAL_COUNCIL c, DW_EMPLOYEE_DETAILS s where  c.LOCALCOUNCIL_ID =
s.LOCAL_COUNCIL_ID;

EXECUTE DBMS_MVIEW.REFRESH('DW_VIEW_EMPLOYEE_DETAILS', 'C');
```

DW_REFERENCES_VIEW

```
DROP MATERIALIZED VIEW DW_REFERENCES_VIEW;

Create Materialized view DW_VIEWS_REFERENCES

Build deferred

Refresh on demand

Enable query rewrite

As select r.referenceid, FULL_NAME, r.date_reference_sent, r.date_reference_received, r.tempid,
r.telephone_made

from DW_REFERENCES r, DW_REFEREES_DETAILS d

where  r.REFEREEID = d.REFEREEID;

EXECUTE DBMS_MVIEW.REFRESH('DW_VIEWS_REFERENCES', 'C');
```

DW_TEMPCOMPABILITY_VIEW

```
DROP MATERIALIZED VIEW DW_VIEW_TEMPCOMPATIBILITYDETAILS;

Create Materialized view DW_VIEW_TEMPCOMPATIBILITYDETAILS

Build deferred

Refresh on demand

Enable query rewrite

As select tc.TEMPCOMPATIBILITYDETAILS_ID, FIRST_NAME, LAST_NAME, tc.BRANCHID,
tc.COMPATIBILITY from DW_TEMPCOMPATIBILITYDETAILS tc, DW_TEMP t

where  tc.TEMPID = t.TEMPID;

EXECUTE DBMS_MVIEW.REFRESH('DW_VIEW_TEMPCOMPATIBILITYDETAILS', 'C');
```

DW_TEMP_REQUEST_VIEW

```
DROP MATERIALIZED VIEW DW_VIEW_TEMP_REQUEST;

Create Materialized view DW_VIEW_TEMP_REQUEST

Build deferred

Refresh on demand

Enable query rewrite

As select tr.TEMPREQUESTID, LOCALCOUNCILNAME,

tr.REQUEST_DATE, tr.START_DATE, tr.END_DATE, tr.REQUEST_STATUS, tr.NUMBER_OF_WEEKS

from DW_TEMP_REQUEST tr, DW_LOCAL_COUNCIL c

where  tr.LOCALCOUNCIL_ID = c.LOCALCOUNCIL_ID;

EXECUTE DBMS_MVIEW.REFRESH('DW_VIEW_TEMP_REQUEST', 'C');
```

Queries

The number of sessions filled by type of temp cover by month

```
SELECT t.MONTH_NAME, s.TYPE, s.SESSIONID

FROM DW_FACT_SESSION s, DW_TIME t

where s.TYPE != 'Not Known'

order by t.MONTH_NAME, s.TYPE;
```

The number of temp care worker requests made by council for each week

```
select t.WEEK_OF_YEAR as Week, c.LOCALCOUNCILNAME as Council, count(s.TEMPREQUESTID) As Requests

from DW_FACT_SESSION s , DW_TIME t, DW_LOCAL_COUNCIL c, DW_TEMP_REQUEST r

where s.TEMPREQUESTID = r.TEMPREQUESTID

AND c.LOCALCOUNCIL_ID = r.LOCALCOUNCIL_ID

AND s.SESSIONID = t.DATE_ID

group by t.WEEK_OF_YEAR, c.LOCALCOUNCILNAME

order by t.WEEK_OF_YEAR, c.LOCALCOUNCILNAME;
```

The number of temp care worker requests filled by county for each month

```
select t.MONTH_NO as month, c.county as County, count(s.TEMPREQUESTID) As Requests

from DW_FACT_SESSION s , DW_TIME t, DW_LOCAL_COUNCIL c, DW_TEMP_REQUEST r

where s.TEMPREQUESTID = r.TEMPREQUESTID

AND c.LOCALCOUNCIL_ID = r.LOCALCOUNCIL_ID

AND s.sessionid = t.date_id

AND s.type != 'Not Known'

group by t.MONTH_NO, c.county

order by t.MONTH_NO, c.county;
```

The number temp care worker requests filled by council each week

```
select t.week_of_year as Week, c.LOCALCOUNCILNAME as Council, count(s.TEMPREQUESTID) As Requests

from DW_FACT_SESSION s , DW_TIME t, DW_LOCAL_COUNCIL c, DW_TEMP_REQUEST r

where s.TEMPREQUESTID = r.TEMPREQUESTID

AND c.LOCALCOUNCIL_ID = r.LOCALCOUNCIL_ID

AND s.sessionid = t.date_id AND s.type != 'Not Known'

group by t.week_of_year, c.LOCALCOUNCILNAME

order by t.week_of_year, c.LOCALCOUNCILNAME;
```

The number of temp care worker requests which were cancelled each month

```
select t.month_no, count(s.TEMPREQUESTID)

from DW_FACT_SESSION s , dw_time t, DW_TEMP_REQUEST r

where s.TEMPREQUESTID = r.TEMPREQUESTID

AND s.sessionid = t.date_id

AND s.status = 'Temp Cancelled'

group by t.month_no

order by t.month_no;
```