CREATE TABLE dim\_date

( Calendar\_Date Date PRIMARY KEY,

month\_name Char(12 ),

month\_abr Char(4 ),

mon\_YYYY Char(20 ),

month\_of\_year Char(20 ),

day\_of\_month Char(20 ),

day\_of\_week char(10),

quater\_of\_year Char(20 ),

quater\_YYYY Char(20 ),

week\_start Char(20 ),

week\_end Char(20 ),

week\_start\_end Char(20 ));

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SQL Script

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declare

start\_date date;

end\_date date;

week\_start\_date date;

week\_end\_date date;

begin

start\_date := sysdate-2;

end\_date := sysdate+35;

while start\_date != end\_date + 1 loop

if to\_char(start\_date, 'D') ='2' then

week\_start\_date := start\_date;

--- week\_end\_date := start\_date+5;

elsif to\_char(start\_date, 'D') = '7' then

--- week\_start\_date := start\_date-5;

week\_end\_date := start\_date;

end if;

insert into dim\_date values (

start\_date,

to\_char(start\_date, 'MONTH'),

to\_char(start\_date, 'MON'),

to\_char(start\_date, 'MON-YY'),

to\_char(start\_date, 'MM'),

to\_char(start\_date, 'DD'),

to\_char(start\_date, 'DD'),

to\_char(start\_date, 'Q'),

to\_char(start\_date, 'Q-YY'),

to\_char(week\_start\_date, 'DD-MON-YY'),

to\_char(week\_end\_date, 'DD-MON-YY'),

to\_char(week\_start\_date, 'DD-MON-YY')||'--'||to\_char(week\_end\_date, 'DD-MON-YY'));

start\_date :=start\_date+1;

end loop;

end;

Production script

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declare

start\_date date;

end\_date date;

week\_start\_date date;

week\_end\_date date;

begin

start\_date := sysdate-37;

end\_date := sysdate+35;

while start\_date != end\_date + 1 loop

if to\_char(start\_date, 'D') ='2' then

week\_start\_date := start\_date;

week\_end\_date := start\_date+5;

elsif to\_char(start\_date, 'D') = '1' then

week\_start\_date := start\_date+1;

week\_end\_date := start\_date+6;

elsif to\_char(start\_date, 'D') = '3' then

week\_start\_date := start\_date-1;

week\_end\_date := start\_date+4;

elsif to\_char(start\_date, 'D') = '4' then

week\_start\_date := start\_date-2;

week\_end\_date := start\_date+3;

elsif to\_char(start\_date, 'D') = '5' then

week\_start\_date := start\_date-3;

week\_end\_date := start\_date+2;

elsif to\_char(start\_date, 'D') = '6' then

week\_start\_date := start\_date-4;

week\_end\_date := start\_date+1;

elsif to\_char(start\_date, 'D') = '7' then

week\_start\_date := start\_date-5;

week\_end\_date := start\_date;

end if;

insert into dim\_date values (

start\_date,

to\_char(start\_date, 'MONTH'),

to\_char(start\_date, 'MON'),

to\_char(start\_date, 'MON-YY'),

to\_char(start\_date, 'MM'),

to\_char(start\_date, 'DD'),

to\_char(start\_date, 'D'),

to\_char(start\_date, 'Q'),

to\_char(start\_date, 'Q-YY'),

to\_char(week\_start\_date, 'DD-MON-YY'),

to\_char(week\_end\_date, 'DD-MON-YY'),

to\_char(week\_start\_date, 'DD-MON-YY')||'--'||to\_char(week\_end\_date, 'DD-MON-YY'));

start\_date :=start\_date+1;

end loop;

end;