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;