mysql> select \* from infy\_df;

select date,close from infy\_df;

mysql> select \* from nifty\_df;

select date,close from nifty\_df;

**#Create an update query that updates every row in your table**

**#Create a stored procedure that does the job**

**# Procedure for MovingAVG - INFY**

create procedure movingAvg()

begin

declare mv double;

declare t date;

declare done int default false;

declare cur\_t cursor for

select distinct day from infy\_df

order by day;

declare cur\_mv cursor for

select avg(close) from infy\_df

where day between date\_add(t, interval -7 days) and t;

declare continue handler for not found set done=true;

open cur\_t;

loop\_day: loop

fetch cur\_t into t;

if not done then

open cur\_mv;

fetch cur\_mv into mv;

close cur\_mv;

update infy\_df

set moving\_average = mv

where day=t;

else

leave loop\_day;

end if;

end loop loop\_day;

close cur\_t;

end;

delimiter ;

**# Procedure for MovingAVG - nifty**

create procedure movingAvg()

begin

declare mv double;

declare t date;

declare done int default false;

declare cur\_t cursor for

select distinct day from nifty\_df

order by day;

declare cur\_mv cursor for

select avg(close) from nifty\_df

where day between date\_add(t, interval -7 days) and t;

declare continue handler for not found set done=true;

open cur\_t;

loop\_day: loop

fetch cur\_t into t;

if not done then

open cur\_mv;

fetch cur\_mv into mv;

close cur\_mv;

update nifty\_df

set moving\_average = mv

where day=t;

else

leave loop\_day;

end if;

end loop loop\_day;

close cur\_t;

end;

delimiter ;

**Other Option for Infy\_df**

update infy\_df

from (

select a.day

, avg(b.close) as moving\_average

from infy\_df a

cross join infy\_df b

where b.day BETWEEN date\_sub(a.day, INTERVAL 7 DAY) and a.day

and a.moving\_average is null

group by a.day

) x

set moving\_average=x.moving\_average

where **infy\_df**.day=x.day