#just give attention here that the distinct will not return to you the total number of distinct rows it will return them cause you need to be careful before making division

```
select f.machine_id,
round((SUM(s.timestamp-f.timestamp)/count(distinct(f.process_id))),3) processing_time
from Activity f join Activity s
on (f.machine_id=s.machine_id
AND f.process_id=s.process_id)
where ( s.activity_type ="end"
AND f.activity_type = "start")
group by f.machine_id;
```

- ➔ Here the first thing we need to get the end time – start time for the same process and the same machine so we will need to make self join and putting the same machine ids and same process ids in the same row to can compare in the area of the type and then can easily calc the difference between the end – start and that for just one process in one machine so we will need to make that to all of this and then get their summation and then get the exactly number of unique process ids in the same machine id and that will happened by using the count distinct and then we will display it with its machine is and so on making the same for the rest of machines