* **Correlation : correl(var a, var b)**
* **Predictive Regression Linier : LinEst\_M(var a, var b)\*x + LineEst\_B(var a, var b)**

**\*x = fixed number**

**\*LinEst\_M = slope**

**\*LinEst\_B = intercept**

* **If Function : if(Hour<7,2,if(Hour>=7, if(Hour<=20,1,2)))**
* **If Function : if(StartDate='','',if(CompleteDate='','',round((CompleteDate-StartDate)\*1440)))**
* **If Function : if(StartDate='','',if(startService='','',if([Start Date Actual]-startService<0,0,[Start Date Actual]-startService)))**
* **IF OR : If(Hour(StartTime)>=20 OR Hour(StartTime)<7, 'Night Shift', 'Day Shift')**
* **IF OR : if(match([ Plant Name ],'SBMB','SBMFP'), Dept)**
* **IF AND : if(plant name,’SBMB’, if(plant name,’SBMFP’,Dept))**
* **IF AND : If(Hour(StartTime)>=20 AND Hour(StartTime)<7, 'Night Shift', 'Day Shift')**
* **Nested If : if(Avg(Score) <2.5, rgb(192,80,77),if(Avg(Score) < 3.0, rgb(247,150,70),if(Avg(Score) < 4, rgb(155,187,89),rgb(75,172,198))))**
* **Count : count(NCCode)**
* **Count Distinct : Count(distinct [ProdCode-LotNo-ProdCode-LotNo1]) or Count(distinct{<[SchID&Complete Date]>}[SchID&Complete Date])**
* **Countif : Count({<Decision\*={"PURCHASE RETURN"}>}Decision)**
* **Countif Distinct : Count(distinct{<Result={'AC'}>}MacID)**
* **Countifs : Count({<Last\_Approved\_Date={'$(=date(today()))'},Status\*={"DISP.DONE"}>}SSIT\_ID)**
* **Countifs : Count({<[ Issue Focus ]\*={"5S"},[ Issue Status ]={"WIP","Open"}>}[ PTA AuditNo ])**
* **Countifs Distinct : Count(distinct{<Last\_Approved\_Date={'$(=date(today()))'},Status\*={"DISP.DONE"}>}SSIT\_ID)**
* **Sumif : Sum({<StopStatus={"Stop"}>}StopHours)/60 or Sum({$<isRFID={1}>} MatQty)**
* **Sumif Distinct : Sum(distinct{<StopStatus={"Stop"}>}StopHours)/60**
* **Sumifs :**
* **Sumifs Distinct :**
* **Sorted : -FirstSortedValue(Product, -UnitSales) = Show product dengan unit sales tertinggi**

**-FirstSortedValue(Product, UnitSales) = Show product dengan unit sales terendah**

**-FirstSortedValue(Product, UnitSales,2) = Show product dengan unit sales no.2 terendah**

* **Take Month Name from date (result in month & year) : monthname([ SubmittedDate])**
* **Left : left(Name,9)**
* **Rounddown date : Date(Floor([Timestamp]))**
* **Week Number : Dual('W'&Num(Week(Timestamp),00),Num(Week([Timestamp]),00))**
* **Take Month : Dual(Year([LastApprvd])&'-'&Month([LastApprvd]),MonthStart([LastApprvd]))**
* **Take Week : =Dual('W'&Num(Week([LastApprvd]),00),Num(Week([LastApprvd]),00)). Result : W01,W02 dst.**
* **rangesum(above(sum([$]),0,rowno()))/sum(TOTAL [$])**
* **take hour number : hour(Jobstart)**
* **try to understand cpcpk formula**
* **Average : avg([Duration Maintenance])**
* **Date Text : day(CompleteDate)&month(CompleteDate)&year(CompleteDate)**
* **Convert format DD/MM/YY HH:MM to text : date#(day(StartDate)&month(StartDate)&year(StartDate), 'YYYY/MM/DD')**
* **Convert Text to Date Format : Date(Date#([Start Date 2],'DDMMMYYYY'),'MM/DD/YYYY')**
* **Convert format DD/MM/YY HH:MM to Date : Date(Date#(date#(day(LastApprvd)&month(LastApprvd)&year(LastApprvd), 'YYYY/MM/DD'),'DDMMMYYYY'),'DD-MMM-YYYY')**