DAX MEASURES

Sl No	MEASURE NAME	DAX FUNCTION	M-CODE	EXPLANATATION
1	Total events	DISTINCTCOUNT()	Total events = DISTINCTCOUNT(olympics_data[Event])	Will count the distinct values in the Event columns
2	Total athletes	COUNT()	Total athletes = COUNT(olympics_data[Name])	Will count the no of cells in the name column
3	Teams particiapted	DISTINCTCOUNT	Teams particiapted = DISTINCTCOUNT(olympics_data[Team])	Will count the distinct values in the Teams columns
4.	Male athletes Female athletes	IF() ISBLANK() CALCULATE()	Male athletes = if(isblank(CALCULATE([Total athletes],olympics_data[Sex]="M")),0,CALCULATE([Total athletes],olympics_data[Sex]="M")) Female athletes = if(isblank(CALCULATE([Total athletes],olympics_data[Sex]="F")),0,CALCULATE([Total athletes],olympics_data[Sex]="F"))	If()- will check whether a condition is met . Isblank()-will check if the value we got is blank Calculate()- will evaluate an expression in a context modified by filters
5.	% of Female athelets % of male athelets	DIVIDE()	% of Female athelets = DIVIDE([Female athletes],[Total athletes]) % of male athelets = 'New Measures'[Male athletes]/[Total athletes]	Divide () – Will perform division and returns alternate result or blank. ** can use normal division symbol to the same as well as done in %male athletes
6.	Total indian participants	COUNT()	Total indian participants = COUNT(olympics_data[Indian participants])	Will count the no of cells in the name column ** I Have created a column where I have categorised the athletes based on nationality/country and then used the count () to get the indian participation
7.	total indian female participants Total indian male participant	CALCULATE()	total indian female participants = CALCULATE([Total indian participants],olympics_data[Sex]="F") Total indian male participant = CALCULATE([Total indian participants],olympics_data[Sex]="M")	Calculate()- will evaluate an expression in a context modified by filters