Dimension->contain qualitive values, categorize data

Measures->Contain numeric ,aggregate->sum

Dimensions(blue) and measures(green) come under role

Discrete represented as blue, continuous as green

Types of filter->extract, data source, context, dimensions, measures, calculation filter

Join vs blending->Combining data from 2 or more sources(oracle, sql) is called data blending, each data source has its own set of dimensions, measures

Combining data between 2 or more tables/sheets within same data source is called data joining.

Live vs extract->in live conn offer the convenience of real time updates with any changes in data source reflected in Tableau.Extract are snapshots that are loaded into system memory to be quickly called for visualization

Extract is faster as it doesn’t need to access the db

Calculated field->avg(datediff(‘day’,[m1],[m2]))

Top 5 and last 5->Can be made using set Dimension->create->set

Set vs group->group is one D,used to create high level category by using lower category

Tableau sets can have conditions and can be grouped across multiple dimensions

Groups can’t be used in calculated field but sets can

Parameter->dynamic values that can replace constant values in calculations,filters

Parameter->right click->show parameter control

Twbx->tableau packaged workbook (Package of files compressed together),contains datasource also

Twb->xml contains instructionto interact with data source,can’t be shared alone

Workbook->contains sheet,worksheet,story,dashboard

Worksheet->contains single view along with shelves.legends,data pane

Dashboard->collection of multiple worksheets

Story->contains sequence of worksheets

Blended axis->2 measures that have same axes,have the same scale and axis

Dualaxes-> 2different scales,allows you to compare measures,

Left(3,”Tableau”)->error

Left(“Tableau”,3)->Tab

How to handle Null values->Tableau cannot plot them->filter data,show data at default location in axis

Measures->add table calculation->rank

Calculated field->sum([Profit])/sum([sales])

Rank->rank(sum([Sales]))

Dashboard Action->url action

Objects->url

To show aggregated sales across range of products->tree map

Show activities of events->gantt chart

Quarter wise profit growth->waterfall chart

Null values on map->edit location,filter data,show data at default location

Lod->level of detail ->exclude,include,fixed

{exclude[sub-category]:sum([sales])}

Profit per day->{fixed[order date]:sum([profit])}

IF [LOD-PROFIT PER DAY]>2000 then “Highly Profitabe”

ELSEIF [LOD-PROFIT PER DAY]<=0 then “Unprofitable”

ELSE “Profitable”

END

Schedule a workbook in tableau after publishing it->tableau server->content->data sources->select check box for data source->actions->extract refresh->schedule refresh

Zn->returns if it is not null otherwise zero

Find->string,substring

Datediff(‘day’,start,end)

Create parameter->sales/profit

Create calculation->case [sales/profit]

When “sales” then [Sales]

When “profit” then [Profit]

end