

Salem State University
iStrategy
Glossary of Terms

<u>Term</u>	<u>Definition</u>
Background	The location for hierarchies that are not displayed in the view. (Hierarchies that are included in the view display on Rows or Columns.) Items from Background hierarchies act as filters for the Row and Column data. As you change Background selections, Row and Column comparisons are based on different data subsets as defined by the Background selections.
Calculated Member/Measure	<p>A member of a dimension whose value is calculated at run time by using an expression. Calculated member values can be derived from the values of other members. A calculated member is any member that is not an input member. For example, a calculated member, Profit, can be determined by subtracting the value of the member Costs, from the value of the member Sales.</p> <p>All Trend Reports use calculated values, and therefore you can't drill to detail on those reports.</p>
Columns	A location for hierarchies displayed by the view. In chart views, hierarchies placed on Columns make up the bottom or top axis (X-axis) of the chart.
Cube	A set of data that is organized and summarized into a multidimensional structure defined by a set of dimensions and measures.
Descendant	<p>A member in a dimension hierarchy that is related to a member of a higher level within the same dimension. For example, in a Time dimension containing the levels Year, Quarter, Month, and Day, January is a descendant of 1997.</p> <p>Departments are decendants of Groups, Groups are decendents of Programs, and Programs are decendents of Executive level groupings. This is the mechanism that allows us to report on groups of departments.</p>
Drill Down To	The Drill Down To feature allows you to drill down on hierarchies that are not currently on rows or columns.
Drill Down/Drill Up	A technique for navigating through levels of data ranging from the most summarized (up) to the most detailed (down). For example, when viewing the details of sales data by year, a user can drill down to display sales data by quarter, and further to display data by month.
Drill To Detail Or Drill Through	To retrieve the detailed data from which the data in a cube cell was summarized.
Expand	An analysis feature, similar to drill down, that displays more detail about an item while maintaining the current display of other items.
Export To Excel	An add-in to ProClarity Professional that enables users to export the current Briefing Book view to Microsoft Excel.
Hide	An analysis feature that removes selected items from the current display of data.

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Hierarchy	<p>A logical tree structure that organizes the members of a dimension such that each member has one parent member and zero or more child members.</p> <p>We organize our reporting using a structure called a tree. We use a Department tree to determine which Departments are part of which Groups, and which Groups are part of which Programs, and which Programs are part of which Executive levels. Using this structure enables us to group together, or "roll up" totals for more than one Department.</p>
Library	An Analytics Server container that stores Briefing Books, Shared Items, and components on the server.
Measure	In a cube, a set of values that are usually numeric and are based on a column in the fact table of the cube. Measures are the central values that are aggregated and analyzed. Some examples of measures are Sales Dollars, Number of Product Failures, Gross Margin, and Average Inventory Levels.
My Views	A special Briefing Book used to save views for personal use.
Navigation Mode	In Web Standard, a setting that determines the navigation feature, such as drill down, that is invoked when a user clicks a navigation button in a grid.
Online Analytical Processing (OLAP)	A class of technologies that are designed for live, ad-hoc data access and analysis. OLAP data is stored in a multidimensional database, which considers each data attribute (such as product, geographic sales region, and time period) as a separate dimension. OLAP data is grouped and organized, by shared dimensions, in cubes. The Data Warehouse uses OLAP cubes to store imported data, which accelerates report and query processing.
Page	In ProClarity Analytics Server, a page is a query that is saved to a Briefing Book. When opened, the page graphically displays the saved query results. In ProClarity Dashboard, a page is a screen that shows views arranged in groups.
Parent	A member in the next higher level in a hierarchy that is directly related to the current member. The parent value is usually a consolidation of the values of all of its children. For example, in a Time dimension containing the levels Quarter, Month, and Day, Qtr1 is the parent of January.

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Pivot	A feature that flips data from Rows to Columns and vice versa to emphasize different comparisons.
Refresh	To update displayed information with current data.
Reset	A feature that returns all view options to their default settings.
Row	The horizontal arrangement of cells in a table or spreadsheet. In chart views, hierarchies placed on rows are represented by the left or right axis (or Y-axis) of the chart and display in the legend.
Slice	A subset of the data in a cube, specified by limiting one or more hierarchies by members of the hierarchy. For example, facts for a particular year constitute a slice of multiyear data.
Slicer	<p>A drop-down menu that displays with a Briefing Book page and contains members (or slices of data) users can select to filter the data in the page.</p> <p>A slicer will filter your result set based on criteria that you choose. Typical slicers are Calendar Fiscal - to limit the time frame of the results, Account Type - to limit the data to Revenue or Expenditures, Department - to limit the results to a single Department, a Group of Departments, a Program, etc., and Fund - to limit the results to a single fund.</p>
Slider	A control that lets you change a setting by sliding a marker up or down.
Sort Order	The set of rules in a collation that define how characters are evaluated in comparison operations, and the sequence in which they are sorted.
Subtotal	The sum of all members from the same hierarchy, excluding values that roll up into an ancestor that is also selected in the query.
Trend Accounts	<p>The Trend Accounts are those accounts that are approved by the Trustees. The accounts are:</p> <ul style="list-style-type: none"> 1000 - State Maintenance Appropriation 1100 - College Fee 1101 - College Fee - Budget Only 1103 - Reporting of a revised budget 1202 - General Purpose Trust Fund 1205 - DGCE - Non-Credit/Special Program 1206 - Graduate Division 1234 - Resnet-Res Stdt Telecom Fee 1243 - Institutional Fee Waivers

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View Type	A particular graphical presentation of query results. Examples include charts, grids, and Decomposition Trees.