

Budgetary Data Mining Basic

What will be covered:

Data Mining can be a powerful tool for creation of custom reports in your database. Learn how to utilize Budgetary Data Mining to make the most of the data contained in your software. No prior knowledge of Data Mining is necessary.

- Setting Report Information Options
- Selecting Parameters
- Breaks: How account sequences and breaks can affect report outcomes
- Account Ranges
- Field Selection
- Sources (Only applicable if report is in detail format)
- Editing: How to Clone reports created by other users and make them your own
- Import/Export Layouts

Links to additional resources:

[Data Mining Overview](#)

[Report Configuration Tabs](#)

[Balance Sheet Detail](#)

[Balance Sheet Summary](#)

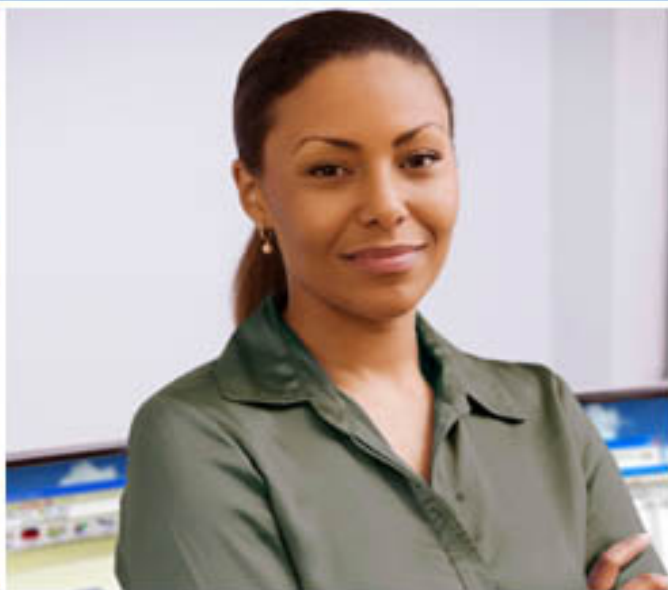
[Revenue and Expense Detail](#)

[Revenue and Expense Summary](#)

[Combined Detail Report](#)

[Combined Summary Report](#)

Link to pdf of PowerPoint if applicable



Texas Skyward User Group Conference

Budgetary Data Mining – Basic

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Budgetary Data Mining – Basic



This session will cover the basic processing options for Budgetary Data Mining. This session will go through the following:

- Setting Report Information options
- Selecting Parameters
- Breaks: How account sequences and breaks can affect report outcomes
- Account Ranges
- Field Selection
- Sources (Only applicable if report is in detail format)
- Editing: How to clone reports created by other users and make them your own
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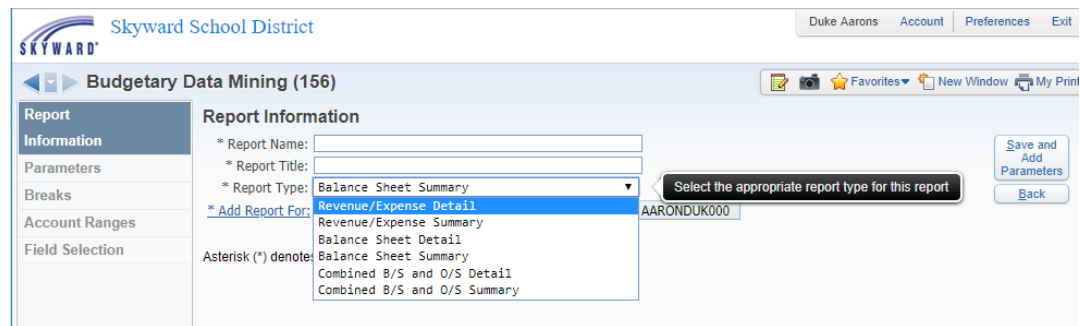
Know what Views and Filters you are currently using

The screenshot shows the 'Budgetary Data Mining' interface with a table of reports and a filter dropdown menu. The table has columns for Report Name, Report Title, Favorite, and Created By. The filter dropdown is open, showing options like '*All Users' Reports', '**My Favorites', and '**My Reports'.

Report Name	Report Title	Favorite	Created By
▶ 2 UG Current Fund Balance Report	Current Fund Balance Report	★	JORDAROS
▶ 3 Three Year Activity Summary Report	Three Year Activity Summary Repo	★	JORDAROS
▶ 4 UG InterFund Reconciliation Report	InterFund Reconciliation Report	★	JORDAROS000
▶ 5 UG PR Liability Report	PR Liability Report	★	JORDAROS000
▶ 6 UG Accounts Over Budget	Accounts Over Budget	★	JORDAROS000
▶ 7 UG Budoet Analysis Report	Budget Analysis Report	★	JORDAROS000

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Choose your Report Type



The screenshot shows the Skyward School District web application interface for Budgetary Data Mining. The header includes the Skyward logo, the text "Skyward School District", and user navigation options: "Duke Aarons", "Account", "Preferences", and "Exit". The main title is "Budgetary Data Mining (156)". On the left is a navigation menu with "Report Information" selected. The "Report Information" section contains the following fields:

- * Report Name:
- * Report Title:
- * Report Type: **Balance Sheet Summary** (dropdown menu is open showing options: Revenue/Expense Detail, Revenue/Expense Summary, Balance Sheet Detail, Balance Sheet Summary, Combined B/S and O/S Detail, Combined B/S and O/S Summary)
- * Add Report For:

A tooltip over the Report Type dropdown reads: "Select the appropriate report type for this report". The "Asterisk (*) denote:" note is visible below the "Add Report For" field. On the right side, there are buttons for "Save and Add Parameters" and "Back".

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Parameter selections can determine which items display on the report

Parameters

Notes:

Save and Add Breaks

Back

* Consolidate Funds: Yes No

* Budget Status: ?

* Print Detail: Yes No

* Detail Spacing:

* Print Totals: Yes No

* Suppress Zero Amounts: Yes No

Report access for other users

- No access
- Read only
- Modify

Add'l printing prompt for current user

- Open Account Range Filter screen

Account exclusions

Exclude accounts that have ?

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Breaks determine where the report will total

Break level attributes adjust the look of the report for the totals

Breaks

Sequence: R - REGULAR ACCOUNT SEQUENCE

Save Breaks and Add Ranges
Back

FND	T	FC	OBJ	SO	ORG	F	PI	LOC
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Break Levels to include in processing

- FND Position 3
- T Position 1
- FC Position 2

Break Level Attributes

Break: Single

Heading: Yes No

Separator: Yes No

Dbf Underline: Yes No

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Fields Selection is choose the column and data you wish to report on

Field Selection

Fields to include in processing

Account Number (Both B/S and O/S)

Activity to Date (Both B/S and O/S)

Available Funds (Both B/S and O/S)

|

Field Parameters

Field used for: B/S O/S Both

Type: Single Combination

Description: Available Funds (Both B/S and O/S)

Heading 1: <Y>

Heading 2: Available Funds

of Digits: 12

Format: ->, >>, >>, >>, >>9.99

Sign: Left CR Right Left with %

Year: Current Year

Edited Whole Number

Report Width

Report Width: 65

Asterisk (*) denotes a required field

Select Fields (288)

Select	M	BS	OS	Description
<input type="checkbox"/>		Y	Y	Account Active Status
<input type="checkbox"/>		Y	Y	Account Level Description
<input checked="" type="checkbox"/>		Y	Y	Account Number
<input type="checkbox"/>		Y	Y	Account Quick Key
<input checked="" type="checkbox"/>		Y	Y	Activity to Date
<input checked="" type="checkbox"/>		Y	Y	Available Funds
<input type="checkbox"/>		Y	Y	Batch Activity
<input type="checkbox"/>		Y		Beginning Balance-at FY Start
<input type="checkbox"/>		Y		Beginning Balance-Monthly
<input type="checkbox"/>			Y	Budget Carry Forward
<input type="checkbox"/>			Y	Budget Requisitions - Approved
<input type="checkbox"/>			Y	Budget Requisitions - Denied
<input type="checkbox"/>			Y	Budget Requisitions - Pending
<input type="checkbox"/>			Y	Budget Revisions

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Sources will be available for Detail reports only – displays actual transactions

Sources

Sources	Detail
<input checked="" type="checkbox"/> AP = Accounts Payable	<input checked="" type="checkbox"/>
<input type="checkbox"/> AR = Accounts Receivable	<input type="checkbox"/>
ARSY = Accts Receivables (System Generated)	
<input type="checkbox"/> Include Invoices	<input type="checkbox"/>
<input type="checkbox"/> Include Payments/Unapplied	<input type="checkbox"/>
<input type="checkbox"/> Include Cash Receipts/Deposits	<input type="checkbox"/>
<input checked="" type="checkbox"/> CR = Cash Receipts	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> JE = Journal Entries	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> PR = Payroll	<input checked="" type="checkbox"/>
<input type="checkbox"/> CD = Cash Disbursements	<input type="checkbox"/>
<input type="checkbox"/> PO = Purchase Orders	<input type="checkbox"/>
<input type="checkbox"/> TR = Transfers	<input type="checkbox"/>
<input type="checkbox"/> RV = Revisions	<input type="checkbox"/>
<input type="checkbox"/> IV = Inventory	<input type="checkbox"/>
Detail Description: <input type="radio"/> Short <input checked="" type="radio"/> Long	
<input type="checkbox"/> ITCR = Insurance Tracking Cash Receipts	<input type="checkbox"/>
<input type="checkbox"/> FXAD = Fixed Assets Disposals/Additions	<input type="checkbox"/>
<input type="checkbox"/> FXDP = Fixed Assets Depreciation	<input type="checkbox"/>
<input type="checkbox"/> YP = Prior Year Adjustments	<input type="checkbox"/>
<input type="checkbox"/> SB = Student Billing	<input type="checkbox"/>
Sign: <input checked="" type="radio"/> Left <input type="radio"/> CR <input type="radio"/> Right	

Save
Back

- Print All Accounts in Filter Range ?
- Print Accounts with Transactions in the Selected Sources ?
- Print Monthly Totals
- Print Account Summary
- Print Only Source Totals (Suppress detail)
- Print Accumulated Detail Subtotals
- Truncate Detail Fields

Purchase Order Parameters ?

- Print all open Purchase Orders as of the report end date and beyond
- Print only Purchase Orders open as of the report end date (month/year)
- Include Budget Requisitions ?
 - Print Approved Status
 - Print Denied Status
 - Print Pending Status

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Clone the report to others so they can
make their own version

Report Information

* Report Name:

* Report Title:

* Report Type:

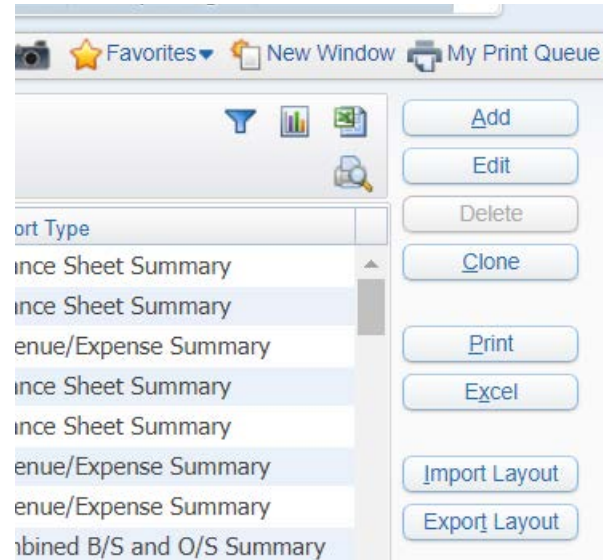
* Add Report For:

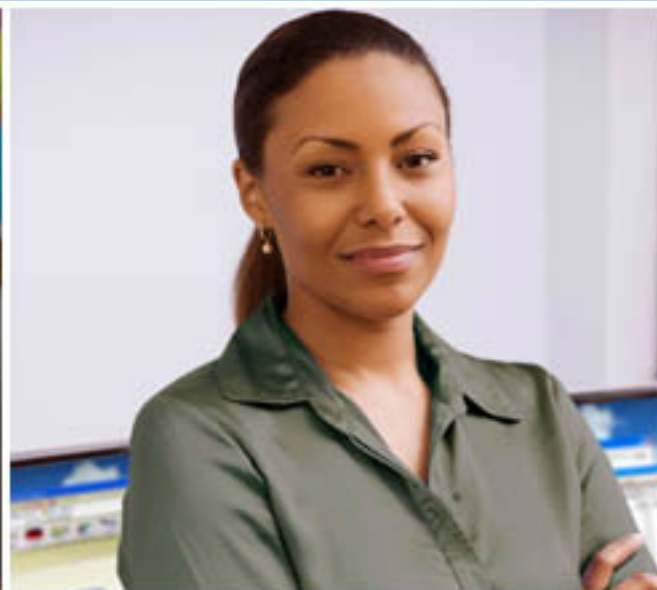
Create
Clone
Back

Asterisk (*) denotes a required field

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Use the Import Layout/Export Layout options to easily share reports between other users and districts





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THANK YOU FOR ATTENDING!

