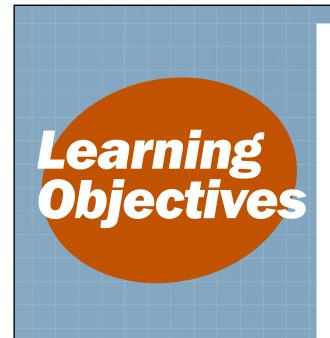


The Controller's Office Center for Excellence is designed to achieve strategic goals through training, innovation, data, and implementation of efficient processes.

We coordinate Professional development opportunities for Finance and Accounting staff and work with campus partners to better serve our customers (YOU).



- 1. Define data curiosity
- 2. Know how to find validated data
- 3. Be empowered to be data curious



Everything is data.

Data is everything!

Key Terms

Data Literacy

The ability to read, understand, interpret, and effectively communicate with data

Data Curiosity

Data curiosity is a mindset and approach to working with data that encourages individuals to explore, question, and seek deeper understanding from the information they encounter.

Validated Data

Reports or website that have been reviewed and vetted by the core offices

Data Preparation

The process of collecting, cleaning, and organizing data in order to make it suitable for analysis.

Key Terms

Enterprise Analytics

University-wide reporting environment. Data shown here is as of the night before.

Monthly Financial Reports(MFR)

A set of 8 delivered reports that provide different information on a department's financial activities. Normally used for reconciliation. Data is as of the end of the prior month.

Budgets Overview

Peoplesoft (MyUFL) screen that answers "what is my available spending authority?" Data here is real time.

mylnvestigator

An online decision-support tool for sponsored projects. Data shown here is as of the night before.

Comprehensive Financial Reporting Suite

Reports within Enterprise Analytics similar to MFRs that can be run "on-demand" and using a variety of different prompts. Data here is as of the night before.



Data Literacy + Critical Thinking = Data Curiosity

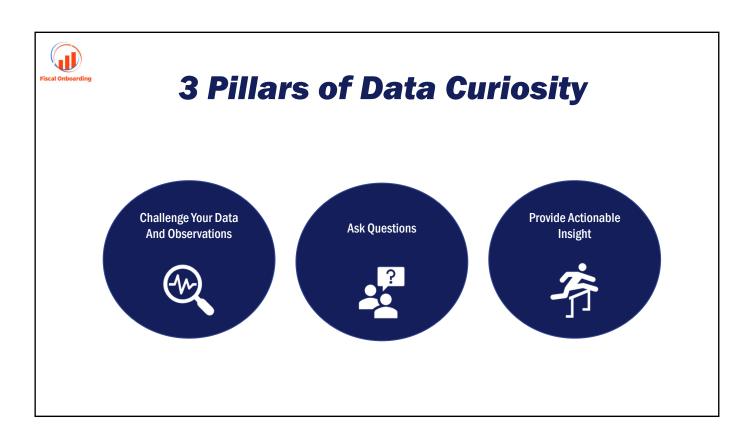


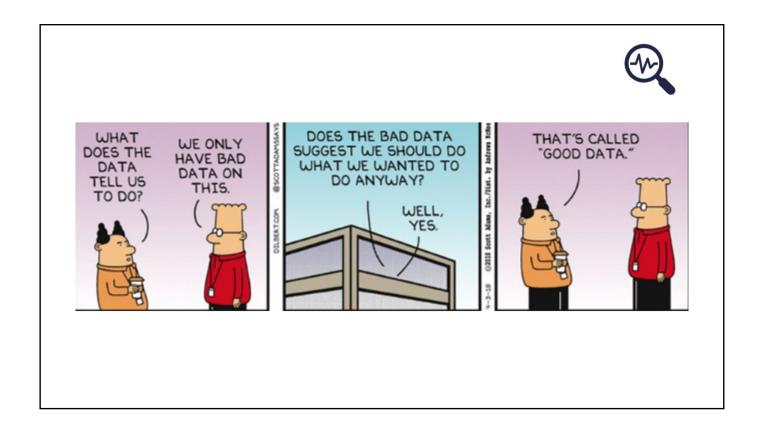
Data Literacy Skills

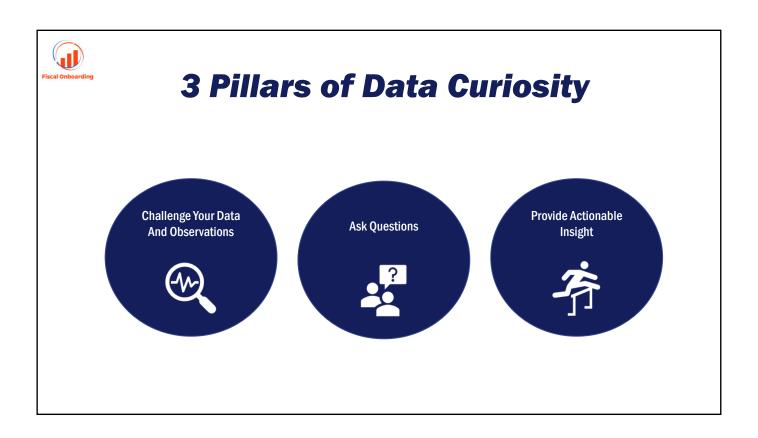
The ability to read and comprehend data is like learning to read.

- · Continuous growth, not a one-time thing
- Always improving, always learning new words and adding vocabulary
- Building skills to master language, just like building skills to analyze data
- Seeing patterns in reading helps comprehension, much like seeing patterns in reports leads to better decision-making













Importance of Data-Driven Decision Making

- Data provides clear answers that lead to actions
- Helps departments steward their finances to support the mission of the University
- Drives cutting-edge research for sponsored projects
- Upholds operational excellence by analyzing HR processes like payroll





Where can I find data?

Key Data Locations

- myUFL/Peoplesoft
- UFIRST
- myUF Marketplace
- mylnvestigator
- Enterprise Analytics
- Delivered Monthly Financial Reports (MFR)
- Websites (in your handout)

*May need security role to access certain reports

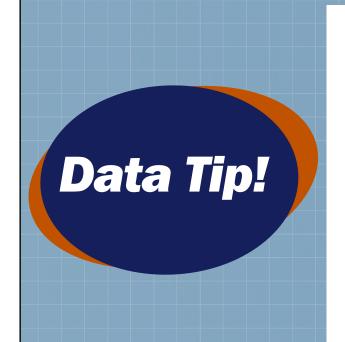




Timing of Data

Real Time / Prior Business Day / Prior Month

myUFL (AKA PeopleSoft)	UFIRST	myUFL Marketplace
myInvestigator	Enterprise Analytics	Delivered Monthly Financial Reports (MFR)



Use validated data because it's efficient, reliable, and consistent.

It allows employees to focus on analysis, ensures compliance with standards, and minimizes errors.



Validated Data Scavenger Hunt



Break Out Room #1

In your breakout group, find <u>at least one of the items in each group</u> found on the Scavenger Hunt Handout from the following websites:

- Financial Data Reports
- Enterprise Analytics Toolkits
- HR Data Services & People Analytics
- Sponsored Projects Reporting





Validated Data Scavenger Hunt – Activity #1

Find at least one from each group below:

- 1. Visit the Financial Data Solution Center and find the following:
 - a. What is the email address for report suggestions/additional resources to be sent to?
 - b. How many payroll reports are currently listed in the Financial Data Reports?
 - c. What is the recommended output for the Comprehensive Open Encumbrance Report?
 - d. Where is the Enterprise Analytics-Basic-User-Guide_V2-1 found?
- 2. Visit the Enterprise Analytics Toolkits website and find the following:
 - a. What is the number of "Comprehensive Report" specific guides?
 - b. The toolkit on the Comprehensive Available and Projected Balance Report. Does the MTD Expenditure include F&A?
 - c. The toolkit on the Comprehensive Transaction Detail Report. How many ChartField prompt values are there?
 - d. What is the name of one training course that is available?
- 3. Visit the HR Data Services & People Analytics website and find the following:
 - a. What is the name of one training course linked on the website?
 - b. What is the name of one Data Report called out?
- 4. Visit the Sponsored Projects Reporting website and find the following:
 - a. Where is the Sponsored Projects Report Guide found?



Validated Data Scavenger Hunt

Share Out

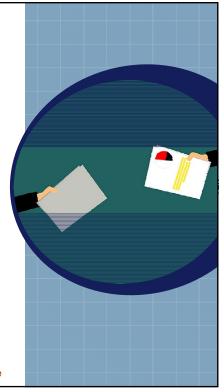




Comprehensive Reports

UF Offers a Suite of Comprehensive Reports as a Resource

- 1. Comprehensive Transaction Detail
- 2. Comprehensive Available and Projected Balance
- 3. Comprehensive Open Encumbrance
- 4. Comprehensive Payroll Reconciliation
- 5. Comprehensive Projected Payroll



*More continue to be added to the suite



Data Literacy + Critical Thinking = Data Curiosity



For financial data, our ChartField values are the main data fields that start our story

THE NUMBERS

Dept ID: 10045060

Fund: 201

Program Code: 2200

Account: 731100 **Project:** P0250287

Source of Funds: G000010

THE STORY

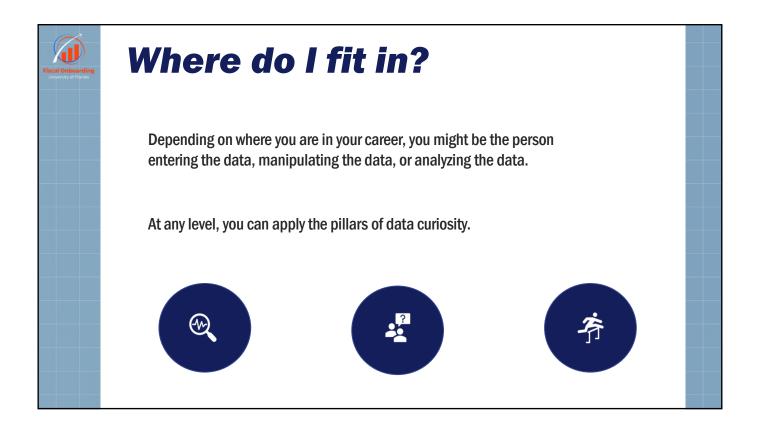
Dr. Roe's lab (**Dept ID**) purchased lab supplies (**Account Code**) for research (**Program Code**) on his

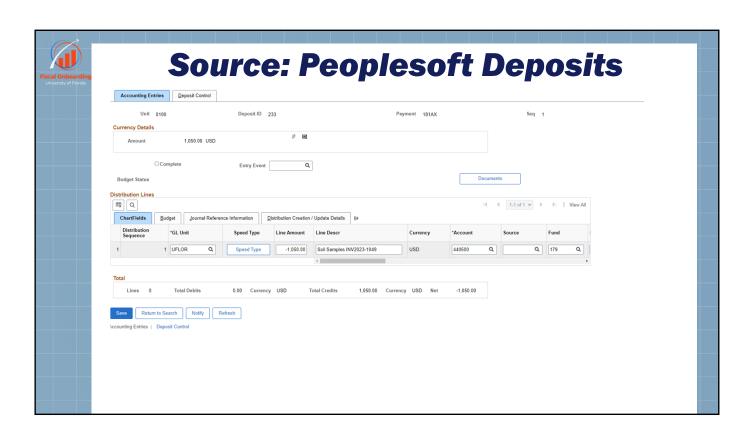
federal (Fund Code)

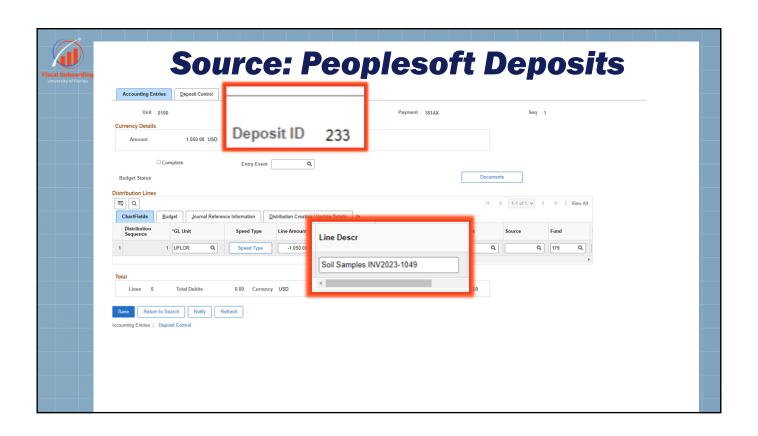
R01NS110307 (Project) from HHS

(Source of Funds)









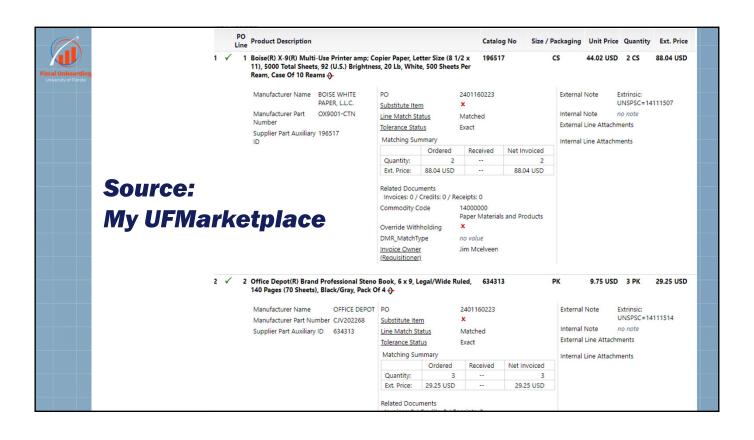


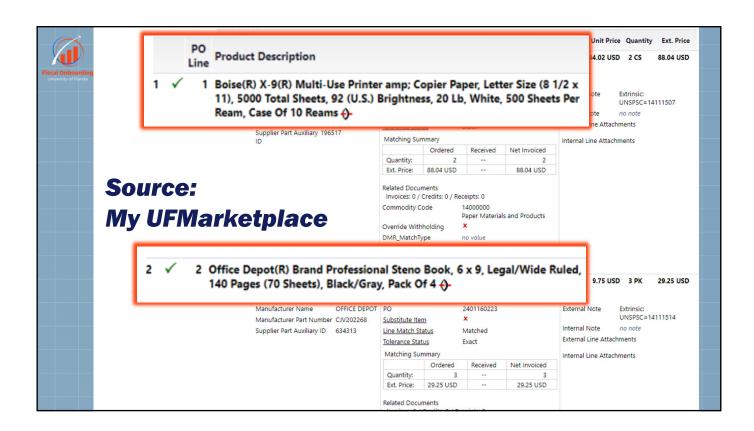
Comprehensive Transaction Detail

Transaction Detail -	Encumbrance Description	 Document Description Detail 	Vendor II 🗸	Vendo -	Doc Desc	J	Posted Amoun -	Account Code →	Account Desc
DEPOSIT# 0100 - 227	-	-			Soil Samples INV2023-1035		(\$250.00)	440500	SALES & SERVICES - EXTERNA
DEPOSIT# 0100 - 226	-	-			Soil Samples INV2023-1022		(\$625.00)	440500	SALES & SERVICES - EXTERNA
DEPOSIT# 0100 - 228	-	-			Soil Samples INV2023-1053		(\$310.00)	440500	SALES & SERVICES - EXTERNA
DEPOSIT# 0100 - 229	-	-			Soil Samples INV2023-1041		(\$350.00)	440500	SALES & SERVICES - EXTERNA
DEPOSIT# 0100 - 230	-	-			Soil Samples INV2023-1054		(\$300.00)	440500	SALES & SERVICES - EXTERNA
DEPOSIT# 0100 - 230	-	-			Soil Samples INV2023-1042		(\$225.00)	440500	SALES & SERVICES - EXTERNA
DEPOSIT# 0100 - 230	-	-			Soil Samples INV2023-1048		(\$1,400.00)	440500	SALES & SERVICES - EXTERNA
DEPOSIT# 0100 - 230	-	-			Soil Samples INV2023-1051		(\$375.00)	440500	SALES & SERVICES - EXTERNA
DEPOSIT# 0100 - 231	-	-			Soil Samples INV2023-1025		(\$625.00)	440500	SALES & SERVICES - EXTERNA
DEPOSIT# 0100 - 233	-	-			Soil Samples INV 2023-1049		(\$1,050.00)	440500	SALES & SERVICES - EXTERNA
DEPOSIT# 0100 - 233	-	-			Soil Samples INV2023-1040		(\$350.00)	440500	SALES & SERVICES - EXTERNA
DEPOSIT# 0100 - 234	-	-			Soil Samples INV2023-1056		(\$170.00)	440500	SALES & SERVICES - EXTERNA
DEPOSIT# 0100 - 235	-	-			Soil Samples INV2023-1038		(\$175.00)	440500	SALES & SERVICES - EXTERNA
DEPOSIT# 0100 - 236	=	-			Soil Samples INV2023-1061		(\$2,050.00)	440500	SALES & SERVICES - EXTERNA
DEPOSIT# 0100 - 236	-	-			Soil Samples INV2023-1060		(\$200.00)	440500	SALES & SERVICES - EXTERNA

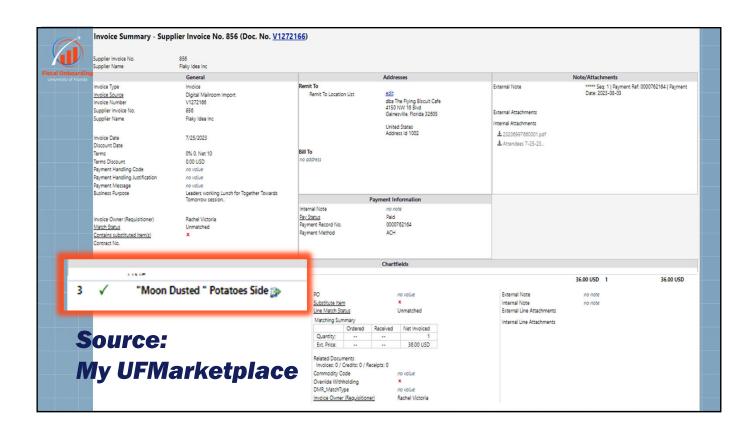


Transaction Detail -	Encumbrance D	escription -	Document Description Detail	Vendor I	Vendo -	Doc Desc	JT	Posted Amoun -		Account Desc	٧
DEPOSIT# 0100 - 227 -			-			Soil Samples INV2023-1035		(\$250.00)	440500	SALES & SERVICES - EXTE	RNAL
DEPOSIT# 0100 - 226 -			-			Soil Samples INV2023-1022		(\$625.00)	440500	SALES & SERVICES - EXTE	RNAL
DEPOSIT# 0100 - 228 -			-			Soil Samples INV2023-1053		(\$310.00)	440500	SALES & SERVICES - EXTE	RNAL
DEPOSIT# 0100 - 229 -			-			Soil Samples INV2023-1041		(\$350.00)	440500	SALES & SERVICES - EXTERN	
DEPOSIT# 0100 - 230 -			-			Soil Samples INV2023-1054		(\$300.00)	440500	SALES & SERVICES - EXTER	
DEPOSIT# 0100 - 230 -			-			Soil Samples INV2023-1042		(\$225.00)	440500	SALES & SERVICES - EXTER	
DEPOSIT# 0100 - 230 -			-			Soil Samples INV2023-1048		(\$1,400.00)	440500	SALES & SERVICES - EXTE	
DEPOSIT# 0100 - 230 -			-			Soil Samples INV2023-1051		(\$375.00) 440500		SALES & SERVICES - EXTE	
DEPOSIT# 0100 - 231 -			-			Soil Samples INV2023-1025		(\$625,00)	440500	SALES & SERVICES - EXTE	RNAL
DEPOSIT# 0100	- 233	Soil San	nples INV 2023-1049		(\$1,050.00) 440500 SALES & SERVICES - EX					RVICES - EXTERN	IAL
DEPOSIT# 0100	- 233	Soil San	nples INV2023-1040			(\$350.00) 440500)		SALES & SE	RVICES - EXTERN	IAL
DEPUSIT# 0100 - 235 -			-			Soil Samples INVZUZ3-1036		(\$175.00)	440500	SALES & SEKVICES - EXTE	KNAL
DEPOSIT# 0100 - 236 -			-			Soil Samples INV2023-1061		(\$2,050.00)	440500	SALES & SERVICES - EXTE	RNAL
DEPOSIT# 0100 - 236 -			-			Soil Samples INV2023-1060 (\$200.00) 440500		440500	SALES & SERVICES - EXTERNAL		
		,									



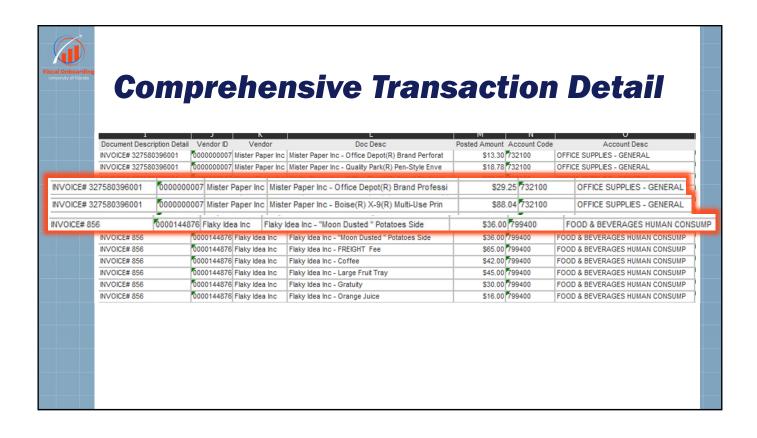








1	J	K	L	M	N	U
Document Description Detail	Vendor ID	Vendor	Doc Desc	Posted Amount		Account Desc
INVOICE# 327580396001	0000000007	Mister Paper Inc	Mister Paper Inc - Office Depot(R) Brand Perforat	\$13.30	732100	OFFICE SUPPLIES - GENERAL
INVOICE# 327580396001	0000000007	Mister Paper Inc	Mister Paper Inc - Quality Park(R) Pen-Style Enve	\$18.78	732100	OFFICE SUPPLIES - GENERAL
INVOICE# 327580396001	0000000007	Mister Paper Inc	Mister Paper Inc - Office Depot(R) Brand Professi	\$29.25	732100	OFFICE SUPPLIES - GENERAL
INVOICE# 327580396001	0000000007	Mister Paper Inc	Mister Paper Inc - Office Depot(R) Brand Side-App	\$8.98	732100	OFFICE SUPPLIES - GENERAL
INVOICE# 327580396001	0000000007	Mister Paper Inc	Mister Paper Inc - Boise(R) X-9(R) Multi-Use Prin	\$88.04	732100	OFFICE SUPPLIES - GENERAL
INVOICE# 856	0000144876	Flaky Idea Inc	Flaky Idea Inc - Biscuit Sandwich Platter	\$150.00	799400	FOOD & BEVERAGES HUMAN CONSUMP
INVOICE# 856	0000144876	Flaky Idea Inc	Flaky Idea Inc - Continental Tray	\$36.00	799400	FOOD & BEVERAGES HUMAN CONSUMP
INVOICE# 856	0000144876	Flaky Idea Inc	Flaky Idea Inc - "Moon Dusted " Potatoes Side	\$36.00	799400	FOOD & BEVERAGES HUMAN CONSUMP
INVOICE# 856	0000144876	Flaky Idea Inc	Flaky Idea Inc - FREIGHT Fee	\$65.00	799400	FOOD & BEVERAGES HUMAN CONSUMP
INVOICE# 856	0000144876	Flaky Idea Inc	Flaky Idea Inc - Coffee	\$42.00	799400	FOOD & BEVERAGES HUMAN CONSUMP
INVOICE# 856	0000144876	Flaky Idea Inc	Flaky Idea Inc - Large Fruit Tray	\$45.00	799400	FOOD & BEVERAGES HUMAN CONSUMP
INVOICE# 856	0000144876	Flaky Idea Inc	Flaky Idea Inc - Gratuity	\$30.00	799400	FOOD & BEVERAGES HUMAN CONSUMP
INVOICE# 856	0000144876	Flaky Idea Inc	Flaky Idea Inc - Orange Juice	\$16.00	799400	FOOD & BEVERAGES HUMAN CONSUMP





Work in silos, we do not. In silos, we do not work!



Row Labels	▼ Sum of Posted Amount
ACCOUNTING SERVICES	50,991.44
BOOKS & PUBLICATN - NON LIB	108.79
CELLULAR PHONES & SERVICE PLAN	960.00
COMPUTER SOFTWARE GENERAL	34,052.28
COMPUTER SOFTWARE SPECIALIZED	86,351.00
COMPUTER SUPPLIES	5,505.02
FOOD & BEVERAGES HUMAN CONSUMP	2,055.32
IN STATE TRAVEL	16,956.88
MEMBERSHIPS & DUES	1,500.00
MISC. OPERATING EXPENSE	139.21
OFFICE EQUIP & FURNITURE <5000	4,274.56
OFFICE SUPPLIES - GENERAL	775.45
OUT OF STATE TRAVEL	16,790.01
PRINTING/PHOTOCOPYING	236.82
REPAIRS AND MAINT - BUILDINGS	6,422.17
SPECIALTY PRINTING	262.68
SUBSCRIPTIONS	478.49
TELEPHONE - LOCAL	680.40
TELEPHONE - LONG DISTANCE	16.25
Transfers Within Fund	(22,478.00)
TRSFRS TO UF FR COMPONENT UNIT	(463.52)
Grand Total	205,615.25



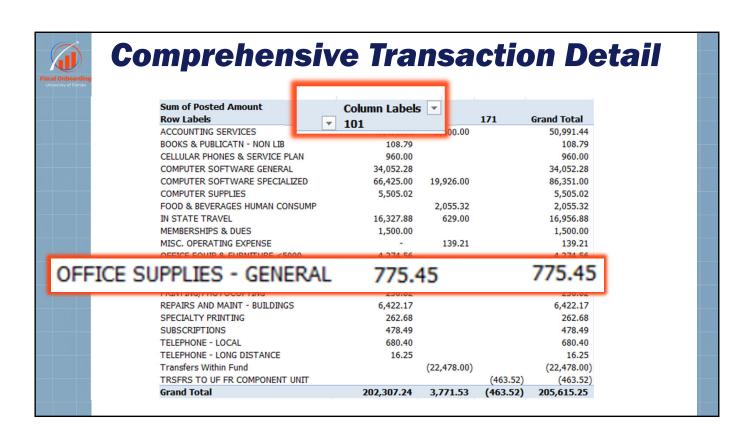
Comprehensive Transaction Detail

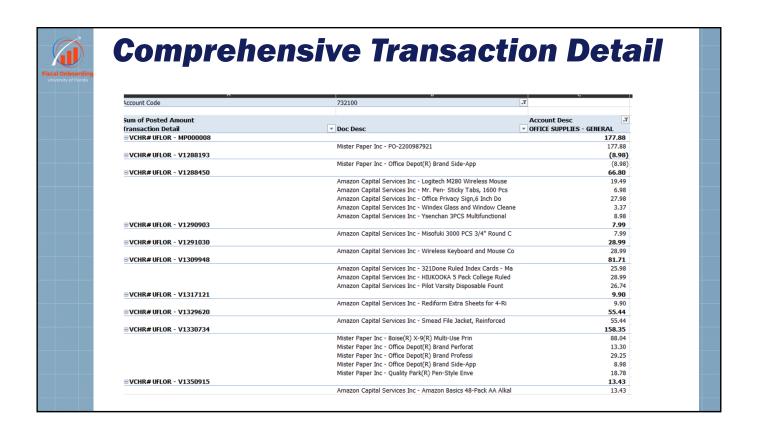
Row Labels Sum of	of Posted Amount
ACCOUNTING SERVICES	50,991.44
BOOKS & PUBLICATN - NON LIB	108.79
CELLULAR PHONES & SERVICE PLAN	960.00
COMPUTER SOFTWARE GENERAL	34,052.28
COMPUTER SOFTWARE SPECIALIZED	86,351.00
COMPUTER SUPPLIES	5,505.02
FOOD & BEVERAGES HUMAN CONSUMP	2,055.32
IN STATE TRAVEL	16,956.88
MEMBERSHIPS & DUES	1,500.00
MISC. OPERATING EXPENSE	139.21
OFFICE SUPPLIES - GENERAL	775.45
UULUE STATE INAVEL	10-791111

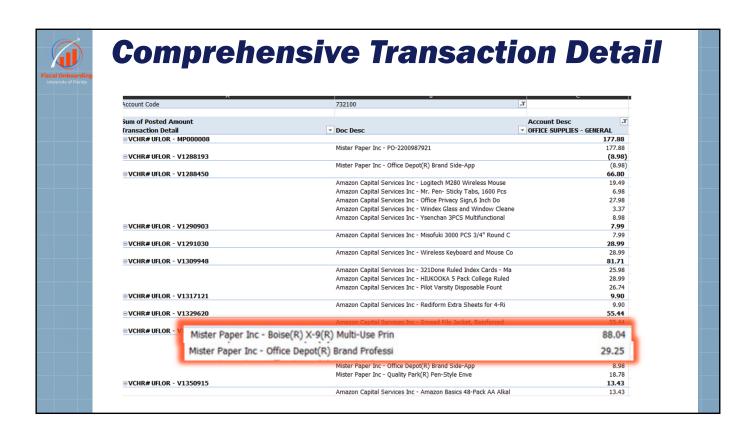
OFFICE SUFFLIES - GENERAL	//3.45
OUT OF STATE TRAVEL	10,/90.01
PRINTING/PHOTOCOPYING	236.82
REPAIRS AND MAINT - BUILDINGS	6,422.17
SPECIALTY PRINTING	262.68
SUBSCRIPTIONS	478.49
TELEPHONE - LOCAL	680.40
TELEPHONE - LONG DISTANCE	16.25
Transfers Within Fund	(22,478.00)
TRSFRS TO UF FR COMPONENT UNIT	(463.52)
Grand Total	205,615.25



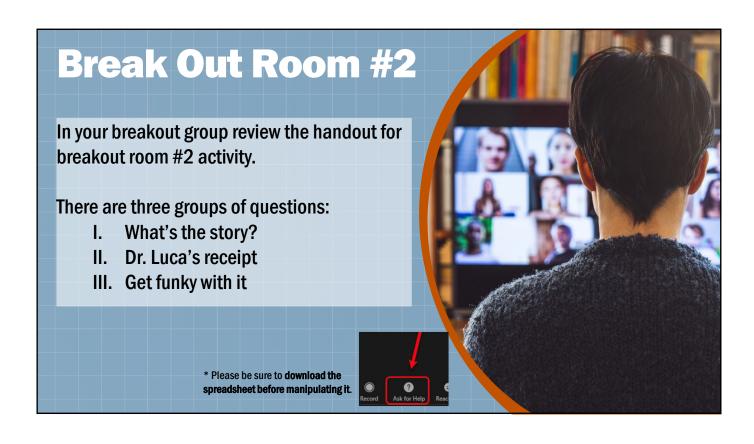
Sum of Posted Amount	Column Labels 🔻			
Row Labels	101	159	171	Grand Total
ACCOUNTING SERVICES	47,491.44	3,500.00		50,991.44
BOOKS & PUBLICATN - NON LIB	108.79			108.79
CELLULAR PHONES & SERVICE PLAN	960.00			960.00
COMPUTER SOFTWARE GENERAL	34,052.28			34,052.28
COMPUTER SOFTWARE SPECIALIZED	66,425.00	19,926.00		86,351.00
COMPUTER SUPPLIES	5,505.02			5,505.02
FOOD & BEVERAGES HUMAN CONSUMP		2,055.32		2,055.32
IN STATE TRAVEL	16,327.88	629.00		16,956.88
MEMBERSHIPS & DUES	1,500.00			1,500.00
MISC. OPERATING EXPENSE	-	139.21		139.21
OFFICE EQUIP & FURNITURE <5000	4,274.56			4,274.56
OFFICE SUPPLIES - GENERAL	775.45			775.45
OUT OF STATE TRAVEL	16,790.01			16,790.01
PRINTING/PHOTOCOPYING	236.82			236.82
REPAIRS AND MAINT - BUILDINGS	6,422.17			6,422.17
SPECIALTY PRINTING	262.68			262.68
SUBSCRIPTIONS	478.49			478.49
TELEPHONE - LOCAL	680.40			680.40
TELEPHONE - LONG DISTANCE	16.25			16.25
Transfers Within Fund		(22,478.00)		(22,478.00)
TRSFRS TO UF FR COMPONENT UNIT			(463.52)	(463.52)
Grand Total	202,307.24	3,771.53	(463.52)	205,615.25











Activity # 2 Share Out

- I. What's the story?
- II. Dr. Luca's receipt
- III. Get funky with it



Virtual Fiscal Onboarding Comprehensive Activity #2

The following handout will be used for your second breakout room activity.

I. What's the story?

Remember when we talked about ChartField values being the main data fields that tell our story?

Using the transaction below, write up the story it is telling us. *Screenshot from the Comprehensive Transaction Detail*

<u>Im</u> l Date	Fiscal Year		Transaction	Detail	Encumbrance Description		Document Description Detail	Doc Desc		Posted Account Amount Code		Account Desc		DeptiD	DeptiD Desc
06/06/2022	2022		d Merch Ref - 019730836900		C0016168 LN#1		EMP# 10533139 - James Cameron	SOCIETY FOR NEUROSCIENCE - Renew SFN Membership		\$330.00	791000	MEMBERSHIPS & DUES		13340000	OF-Dept Fiction
Fund Code	Fund Des	X.	Program Code	Progran	n Descr	Budget Reference	Source of Funds Code	Source of Funds Descr	Proje Cod		ject Title	Project DeptID		oject ger UFID	Project Manager Name
211	C&G - RETUR OVERHEAD	NED	2200	INDIVIDUA PROJECT R		CRRNT	-	-	114335		ron- ned OH	13340000	10533	139	James Cameron

Spreadsheet Link

Download a copy of the spreadsheet below on your desktop before manipulating it.

Comprehensive Transaction Detail Report

II. Dr. Luca's Receipt

Use the receipt **on page 26** and your downloaded spreadsheet from above to answer the following questions:

Dr. Luca has just dropped off a receipt and said, "I'm not sure if this has been paid yet." You check myUF Marketplace by the invoice number and that invoice isn't there.

1. Which spreadsheet(s) would you use to find out if this invoice has been paid?

	2.	Are there any other questions you need to ask Dr. Luca?
	3.	Was the receipt paid?
III.	Ge	et Funky with It: Use downloaded spreadsheet to answer the following questions:
	1.	How much has been spent on out of state travel this past fiscal year?
	2.	Who are the top 3 travelers based on amount spent?
	3.	Was there anything else you learned from the data that you think your boss should know?



222 Rosewood Drive, Danvers, MA 01923 USA

John Luca **UF Fiction DEPT**

PO BOX 13650 GAINESVILLE, FL, 32611

APC600230260 Invoice No: 09-12-22 Invoice Date:

2021IEEEX00028318 Sequence No:

13-1656633 Publisher VAT/Tax ID: 3001896566 Account No: 13-2922432 **CCC Federal ID:** Paid Terms:

Customer/Author Location:

John Luca 973 Center Dr Gainesville, FL, 32611

Balance Due:

Order No: 10000299767 ORCID ID(s): 0000-0002-9285-6732

Order Date: 12-Sept-2022 **IEEE** License: DOI 10.1109/TIFS.2021.3092135

0.00 USD TAX

IEEE Transactions on Information Forensics and Security

Publication:

SARO: Scalable Attack-Resistant Logic Locking Title:

John Luca Author/Editor:

Manuscript ID:

UNITED STATES

Final Price Original Price Tax Type & Country Publisher VAT/Tax ID TAX US 13-1656633 1,320.00 USD Page charge 1,320.00 0.00 (0%) Subtotals: 1,320.00 0.00 1,320.00 USD

Invoice Amount - Paid: 1,320.00 USD Tax Totals by Country Tax VISA, Ending in 3730

For internal use only. (Not for payment.)

Subtotal: 1,320.00 USD

TAX: 0.00 USD Total (Not for payment): 1,320.00 USD

0.00 USD



As a data literate professional, you get an opportunity to craft your 'data story' to explain complex information clearly and effectively, ensuring that your data not only informs but also engages and inspires action in others.

Questions?



Thank you!

Michelle Romero controller-office@ad.ufl.edu