

Practical Data Analytics: Deep Dives into Specific Use Cases

Masterclass Series (Class 3)
March 17th, 2021

<https://events.ethisphere.com/events/data-analytics-masterclass-series/>





Thank you for joining!
Before we get started...

Q&A

Please submit your questions using the Questions feature in your Zoom Experience.

CHAT

Need assistance? The Chat feature will be open throughout the webcast.

RECORDINGS & PPT

Today's presentation, recording and additional resources will be provided via email after the webcast.

Replays of classes 1 and 2 are here:

<https://ethisphere.com/insight/lextegrity-masterclass-series/>

Agenda

- **Introductions**
- Practical Use Cases
 - Transaction Monitoring
 - Investigations
 - Third Party Risk Management
 - Risk Assessment
 - Program Assessment
 - Performance Assessments
- Q&A

Speaker



Kara Bonitatibus

Head of Product @ Lextegrity

Helping organizations mitigate risk across the enterprise, specifically through employing advanced analytics to expose fraud, bribery, corruption, conflicts of interest and sanctions violations within enterprise data.

Contact me @ kbonitatibus@lextegrity.com

Learn more @ <https://www.lextegrity.com/>

Speaker



Parth Chanda

Founder & CEO @ Lextegrity

Driving a vision for a new era of risk management that is focused on data, integrations and user experience, in order to make compliance programs more effective and efficient at preventing and detecting wrongdoing.

Contact me @ pchanda@lextegrity.com

Learn more @ <https://www.lextegrity.com/>

The Lextegrity & Ethisphere Partnership

- Knowledge & Best Practices Sharing
<https://ethisphere.com/what-we-do/lextegrity/>
- Data Analytics Working Group
- Integrity Analytics Collective
<https://www.lextegrity.com/collective>



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Silo Corp

- **Operates in 90+ Countries Globally**
- **Exposure to Fraud/Corruption & Sanctions Risk**
- **Has Grown Recently by Acquisition**
- **Multiple Enterprise Systems**
- **Heavily Matrixed Organization by Function**
- **Looking to Build the Case for Implementing a Global Risk Monitoring Analytics Program**



Proposed Risk Monitoring Data Analytics

Monitoring Review							
STATUS	DOMAIN	SPEND DATE	NAME	COUNTRY	ENTITY	NATURE	RISK SCORE
(MULTIPLE)	(MULTIPLE)						
Open	Vendor	2020-01-22	Hill Group	Canada	CC-556	PO Related	\$20,852.50 6.0
Open	Employee	2020-01-02	Sarah Hayes	Germany			
Open	Employee	2020-02-21	Stephen Espinoza	United State			
Open	Employee	2020-01-19	Zachary Walker	United State			
Open	Vendor	2020-02-26	Donaldson, Larne...	Brazil			
Open	Vendor	2020-03-26	Thomas Inc	United State			

RISK ENGINE SUMMARY

Strong

Moderate

Weak

20

2

0

RISK RESULT

ANALYSIS FOCUS

ANALYSIS NAME

Strong

Test

Conflicts of Interest - Vendor to Employee Details

Moderate

Setting

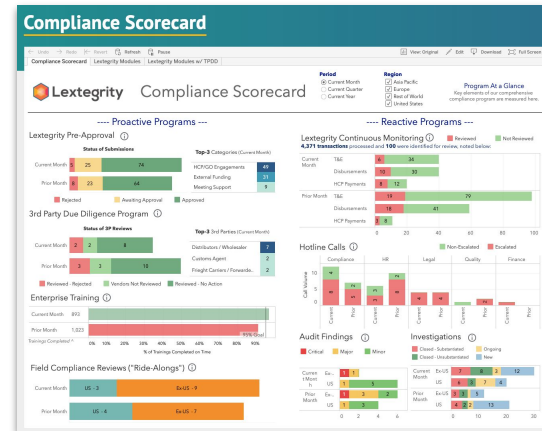
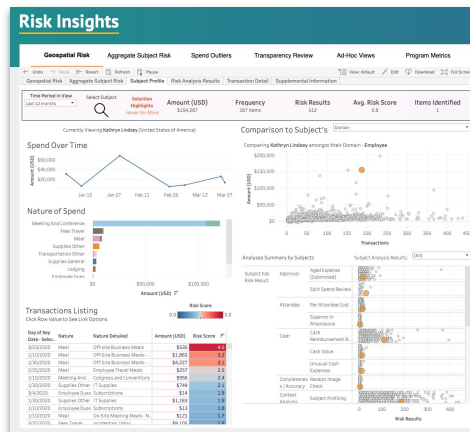
Keyword Detection

Moderate

Timing

High-Risk GA Expense Account

Expedited Payments



Risk-Scored Transactions

Risk Insights

Program KPIs

Meet the Silo Corp Team

Cassandra - CEO



Anton - Audit Committee



Amy - Audit



India - Investigations



Charles - Compliance



Henri - HR



Patricia - Procurement



Markus - M&A



Francine - Finance



Colleen - Country Lead



Serena - Supervisor



Use Case 1: Transaction Monitoring

Charles - Compliance



Amy - Audit



India - Investigations



Follow-Up Steps

Type	Consulted Individuals	Last Modified	Status	
Information Gathering	Aaron Lewis - ID: 11658	2021-03-15	Completed	+

Add a Step

Type

☐ Meeting/Interview ☐ Information Gathering ☐ Internal/External Support

Use Case 1: Transaction Monitoring

Cassandra - CEO



Anton - Audit Committee



Colleen - Country Lead



Patricia - Procurement



Francine - Finance



Monitoring Results

173,794 items monitored

922 items

Sent to Monitoring Review
Over Threshold and/or Automatic Criteria Met

Result Breakdown

Above Threshold and Auto 51

Above Threshold 144

Auto Criteria Met

Action Taken (920 Remain Open)

Review Needed 1

Final Conclusions by Type

Issue - Remediation 1

Risk Result Hits Trending by

Compliance Company



Use Case 2: Investigations

India - Investigations



Charles - Compliance



Amy - Audit



Henri - HR




Colleen - Country Lead



Serena - Supervisor



Domain		Spend Date		Selection Highlights	Days	Items	Subjects	Subject Countries	Amount (USD)	Risk Results	Risk Score (Avg)			
(All)		01/10/2019	05/04/2020		185	190,796	21,049	53	\$597,860,654	188,987	0.26			
Additional Filters														
No. Records to Show														
500														
Risk Score		Risk Score Threshold												
0.000	5.000	<input checked="" type="radio"/> (All)												
<input type="range"/>		<input type="radio"/> Above												
		<input type="radio"/> Below												
Amount (USD)														
(\$13,047)		\$21,668,730												
<input type="range"/>														
Company Code		Cost Center Name												
(All)		(All)												
Function		Sub Function												
(All)		(All)												
Nature		Nature Detailed												
(All)		(All)												
Therapeutic Areas														
null														
Payment Means														
(All)														
Spend Country														
(All)														
Subject Type		Subject Country												
(All)		(All)												

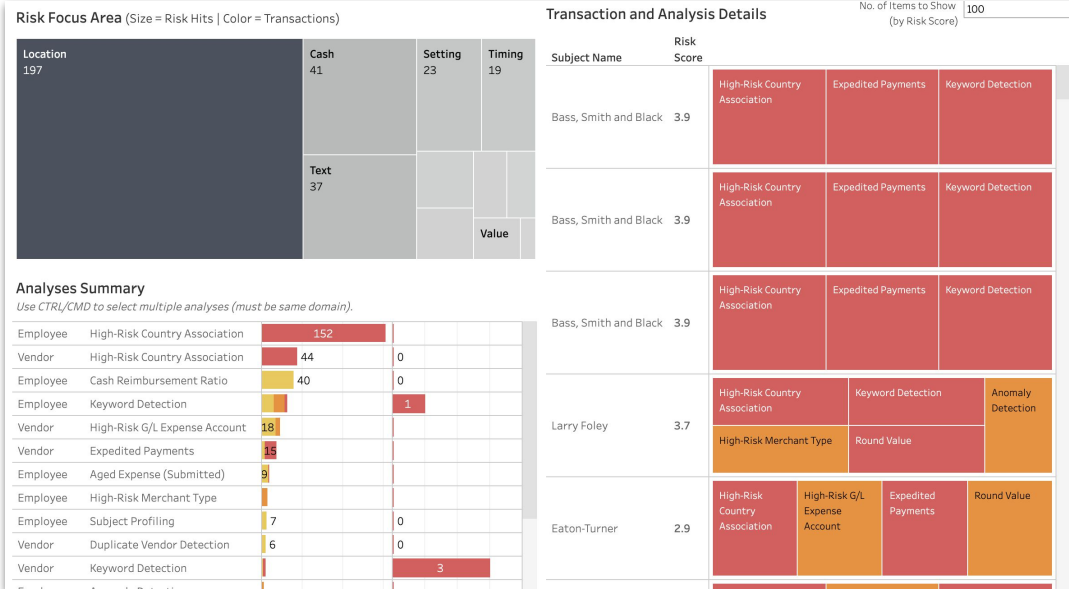
Domain	Subject Name	Subject Country	Function	Nature	Spend Date	Risk Score	Risk Results	Amount (USD)
Vendor	Farrell Ltd	United States of America	R&D	PO Related	05/02/2020	5.0	5	\$3,962
Vendor	Castro-Grif..	United States of America	R&D	PO Related	23/01/2020	5.0	6	\$3,962
Vendor	Johnston-S..	United States of America	R&D	PO Related	26/03/2020	5.0	5	\$8,706
Vendor	Johnston-S..	United States of America	R&D	PO Related	26/03/2020	5.0	5	\$64,028
HXC	Carrie Hill	United States of America	R&D	Research Related	03/12/2019	5.0	3	\$14,696
Vendor	Delgado-Ha..	United Kingdom	R&D	PO Related	16/01/2020	5.0	6	\$34,559
Vendor	Martin-Moo..	Canada	Commercial	PO Related	19/02/2020	5.0	4	\$26,877
Vendor	Johnston-S..	United States of America	R&D	PO Related	19/03/2020	5.0	5	\$68,183
HXC	Blake Group	United States of America	Commercial	Consulting Fee	15/01/2020	5.0	3	\$387,560
Vendor	Rhodes-Smi..	Austria	R&D	Non-PO Related	09/01/2020	5.0	4	\$3,652
Vendor	Carroll-Alex..	United States of America	R&D	PO Related	19/02/2020	5.0	5	\$2,906
Vendor	Lamb, Calla..	United Kingdom	Commercial	PO Related	09/01/2020	5.0	4	\$3,673
Vendor	Martin-Moo..	Canada	R&D	PO Related	01/04/2020	5.0	5	\$22,691
Vendor	Martin-Moo..	Canada	R&D	PO Related	04/03/2020	5.0	4	\$26,427
Vendor	Evans, Byrd..	United States of America	R&D	PO Related	20/02/2020	5.0	6	\$2,535
Vendor	Hawkins Gr..	Japan	Not Specified	PO Related	28/02/2020	5.0	7	\$9,762
Vendor	Haley-Card..	United States of America	R&D	PO Related	05/02/2020	5.0	6	\$3,962
Vendor	McLaughlin ..	Brazil	R&D	PO Related	22/01/2020	5.0	6	\$1,210
Vendor	Johnson Ltd	Spain	Commercial	PO Related	27/02/2020	5.0	6	\$19,347
Vendor	Martin-Moo..	Canada	Commercial	PO Related	08/01/2020	5.0	5	\$26,432
Vendor	Evans, Byrd..	United States of America	R&D	PO Related	26/03/2020	5.0	4	\$3,620
Vendor	Martin-Moo..	Canada	R&D	PO Related	11/03/2020	5.0	6	\$27,414
HXC	Gregory Go..	United States of America	R&D	Research Related	08/11/2019	5.0	3	\$19,229
Vendor	Barry Inc	Canada	Finance	PO Related	26/03/2020	5.0	6	\$31,639
Vendor	Hill Group	Canada	Commercial	PO Related	22/01/2020	5.0	4	\$20,832
Vendor	Evans, Byrd..	United States of America	R&D	PO Related	26/03/2020	4.9	4	\$2,470
Vendor	Donaldson, ..	Brazil	Commercial	PO Related	19/02/2020	4.9	4	\$11,909
Vendor	Evans, Byrd..	United States of America	R&D	PO Related	12/03/2020	4.9	4	\$13,224
Vendor	Donaldson, ..	Brazil	Commercial	PO Related	08/01/2020	4.9	4	\$3,175
Vendor	Martin-Moo..	Canada	R&D	PO Related	08/01/2020	4.9	4	\$14,621

Use Case 3: Third-Party Risk Management

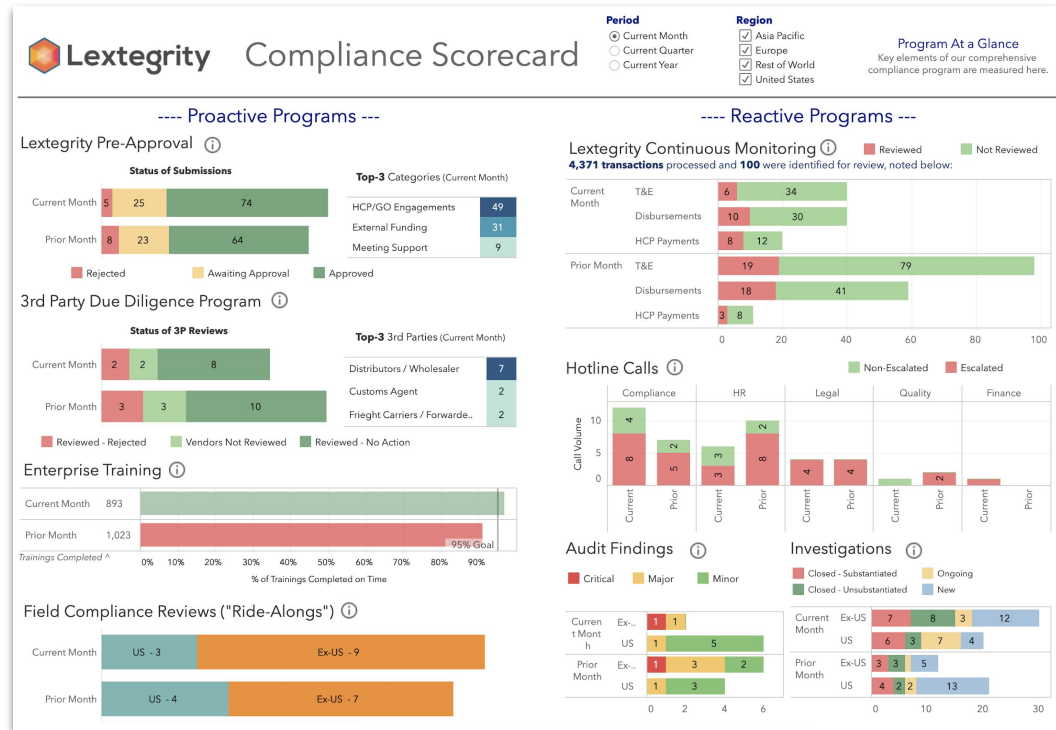


Domain	Subject Name	Risk Results "I"	Avg. Risk Score	Max. Risk Score	Median Risk Score	Risk Results (Strong)	Items	Amount (USD)
Vendor	Oconnor Inc	1,223	0	1	0	8	938	\$3,938K
Vendor	Hull, Pratt and Johnson	464	1	1	0	23	134	\$2,148K
Vendor	Oconnell-Nichols	337	0	2	0	0	173	\$31K
Vendor	Ross, Benson and Roberts	314	1	2	1	36	99	\$11,637K
Vendor	Donaldson, Larsen and Jones	247	3	5	4	87	57	\$126K
Vendor	Miller, Williams and Burnett	195	1	2	1	69	96	\$16,682K
Vendor	Powell LLC	173	1	2	1	68	52	\$3,696K
Vendor	Rogers-White	145	1	2	1	20	46	\$2,612K

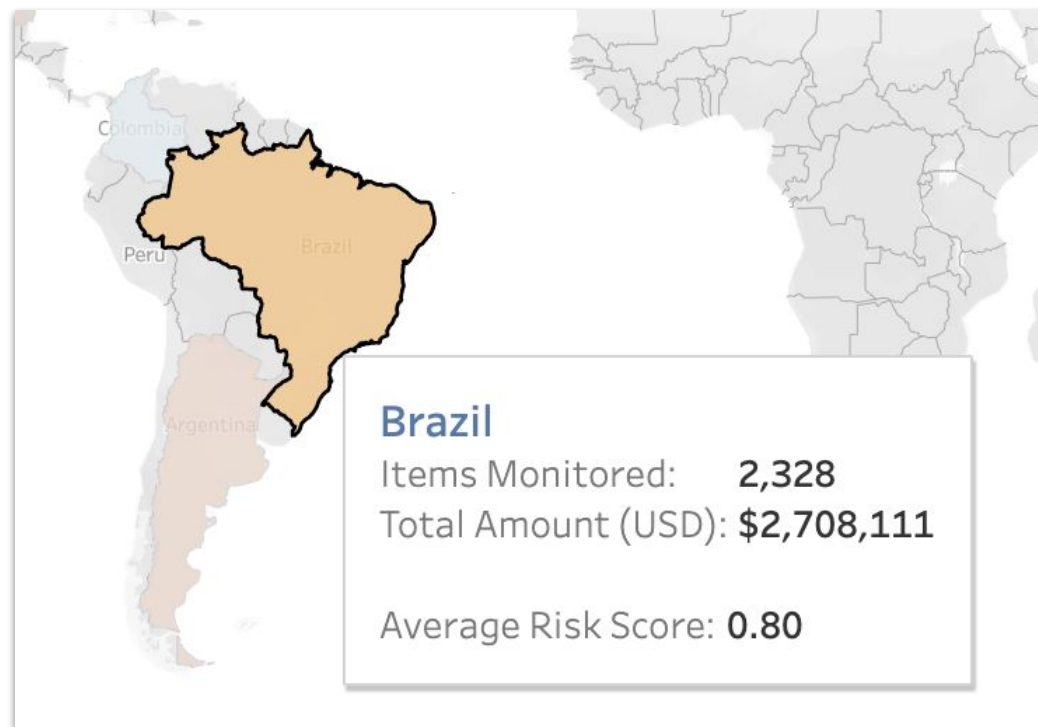
Use Case 4: Risk Assessment



Use Case 5: Program Assessment



Use Case 6: Performance Assessment



Questions?

Get your **LinkedIn** badge
for today's session here: <https://bit.ly/3lqNJnz>

