

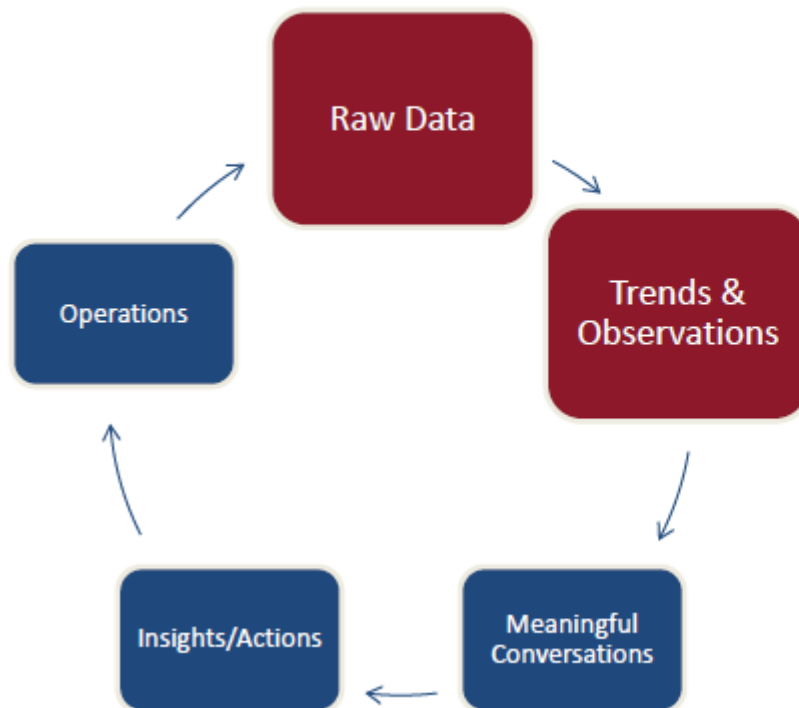
“Data always speaks.

It always has a story to tell, and there’s always something to learn from it...

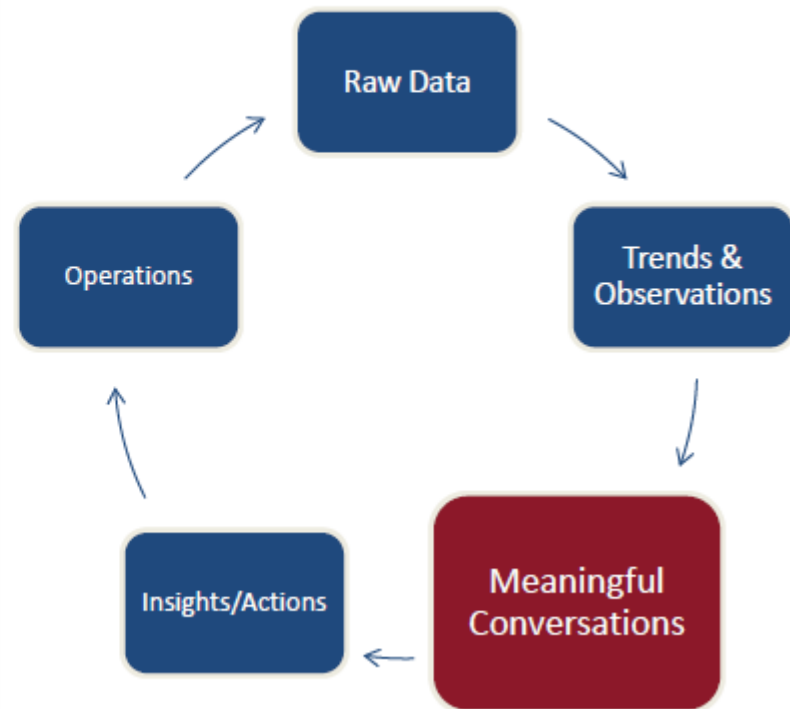
Pull some data together and, although you can never be certain what you’ll find, you can be sure you’ll discover valuable connections by decoding the language it speaks and listening.”

Eric Siegel, “Predictive Analytics”

Common Implementation



Intended Implementation



Sciencetech Advanced Analytics Solutions

- Avoid

- Prepare

- Anticipate

Sciencetech Example: CAP Program Analytics

1. INPO Performance Objectives and Criteria (PO&C)
2. Areas For Improvement (AFI)
3. Corrective Action Program (CAP) Condition Reports (CR)

Inform the PO&Cs with concrete AFI evidence

Develop the CR Signatures

Each CR is ingested by the platform to develop its own unique signature

UNITED STATES DEPARTMENT OF AGRICULTURE						
Form 1-750 (Rev. 1-75)						
1. Name of Producer		2. Address		3. State		4. Zip
J. L. Smith		123 Main St.		California		90001
5. Farm Name		6. Category	7. Farm Size (Acres)		8. Farm Type	
Smith Farm		100	100		100	
9. Farm Address		10. Farm Phone		11. Farm Fax		12. Farm Telex
123 Main St.		(415) 123-4567		(415) 123-4568		(415) 123-4569
13. Farm E-mail		14. Farm Filing Date		15. Farm Filing Date		16. Farm Filing Date
jlsmith@smithfarm.com		1/1/2000		1/1/2000		1/1/2000
17. Farm Filing Date		18. Farm Filing Date		19. Farm Filing Date		20. Farm Filing Date
1/1/2000		1/1/2000		1/1/2000		1/1/2000
21. Farm Filing Date						
1/1/2000						
22. Farm Filing Date						
1/1/2000						
23. Farm Filing Date						
1/1/2000						
24. Farm Filing Date						
1/1/2000						
25. Farm Filing Date						
1/1/2000						
26. Farm Filing Date						
1/1/2000						
27. Farm Filing Date						
1/1/2000						
28. Farm Filing Date						
1/1/2000						
29. Farm Filing Date						
1/1/2000						
30. Farm Filing Date						
1/1/2000						
31. Farm Filing Date						
1/1/2000						
32. Farm Filing Date						
1/1/2000						
33. Farm Filing Date						
1/1/2000						
34. Farm Filing Date						
1/1/2000						
35. Farm Filing Date						
1/1/2000						
36. Farm Filing Date						
1/1/2000						
37. Farm Filing Date						
1/1/2000						
38. Farm Filing Date						
1/1/2000						
39. Farm Filing Date						
1/1/2000						
40. Farm Filing Date						
1/1/2000						
41. Farm Filing Date						
1/1/2000						
42. Farm Filing Date						
1/1/2000						
43. Farm Filing Date						
1/1/2000						
44. Farm Filing Date						
1/1/2000						
45. Farm Filing Date						
1/1/2000						
46. Farm Filing Date						
1/1/2000						
47. Farm Filing Date						
1/1/2000						
48. Farm Filing Date						
1/1/2000						
49. Farm Filing Date						
1/1/2000						
50. Farm Filing Date						
1/1/2000						
51. Farm Filing Date						
1/1/2000						
52. Farm Filing Date						
1/1/2000						
53. Farm Filing Date						
1/1/2000						
54. Farm Filing Date						
1/1/2000						
55. Farm Filing Date						
1/1/2000						
56. Farm Filing Date						
1/1/2000						
57. Farm Filing Date						
1/1/2000						
58. Farm Filing Date						
1/1/2000						
59. Farm Filing Date						
1/1/2000						
60. Farm Filing Date						
1/1/2000						
61. Farm Filing Date						
1/1/2000						
62. Farm Filing Date						
1/1/2000						
63. Farm Filing Date						
1/1/2000						
64. Farm Filing Date						
1/1/2000						
65. Farm Filing Date						
1/1/2000						
66. Farm Filing Date						
1/1/2000						
67. Farm Filing Date						
1/1/2000						
68. Farm Filing Date						
1/1/2000						
69. Farm Filing Date						
1/1/2000						
70. Farm Filing Date						
1/1/2000						
71. Farm Filing Date						
1/1/2000						
72. Farm Filing Date						
1/1/2000						
73. Farm Filing Date						
1/1/2000						
74. Farm Filing Date						
1/1/2000						
75. Farm Filing Date						
1/1/2000						
76. Farm Filing Date						
1/1/2000						
77. Farm Filing Date						
1/1/2000						
78. Farm Filing Date						
1/1/2000						
79. Farm Filing Date						
1/1/2000						
80. Farm Filing Date						
1/1/2000						
81. Farm Filing Date						
1/1/2000						
82. Farm Filing Date						
1/1/2000						
83. Farm Filing Date						
1/1/2000						
84. Farm Filing Date						
1/1/2000						
85. Farm Filing Date						
1/1/2000						
86. Farm Filing Date						
1/1/2000						
87. Farm Filing Date						
1/1/2000						
88. Farm Filing Date						
1/1/2000						
89. Farm Filing Date						
1/1/2000						
90. Farm Filing Date						
1/1/2000						
91. Farm Filing Date						
1/1/2000						
92. Farm Filing Date						

[illegible][illegible]

UNITED STATES DEPARTMENT OF JUSTICE									
FEDERAL BUREAU OF INVESTIGATION									
1. Organization		2. Date		3. File No.		4. Subj.		5. Title	
FBI - NEW YORK		10/10/68		100-388610		MURKIN		MURKIN	
6. From		7. To		8. Via		9. Method		10. Remarks	
FBI - NEW YORK		FBI - NEW YORK		FBI - NEW YORK		FBI - NEW YORK		FBI - NEW YORK	
11. Subject		12. Classification		13. Priority		14. Status		15. Date	
MURKIN		CONFIDENTIAL		ROUTINE		PENDING		10/10/68	
16. Summary of Report (Include Name, Address, City, State, Zip, and Date of Birth)									
17. Details of Report (Include Name, Address, City, State, Zip, and Date of Birth)									
18. Remarks (Include Name, Address, City, State, Zip, and Date of Birth)									
19. Signature (Include Name, Address, City, State, Zip, and Date of Birth)									
20. Date (Include Name, Address, City, State, Zip, and Date of Birth)									

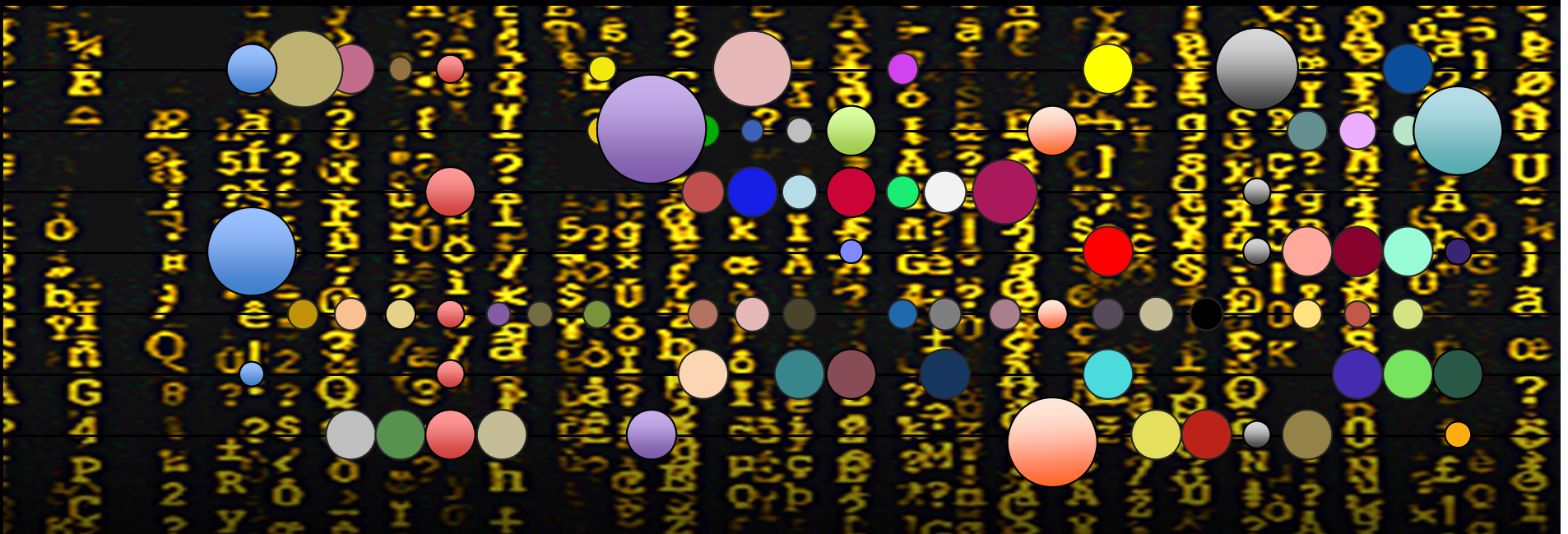
[illegible][illegible]

COURTESY OF THE STATE OF TEXAS					
1. Name of the person JAMES EARL RAY		2. Date of birth 10/10/1928		3. Sex Male	
4. Race White		5. Height 5' 11"		6. Weight 175 lbs	
7. Eyes Blue		8. Hair Brown		9. Complexion Fair	
10. Education High School Graduate		11. Occupation Lawyer		12. Address 1010 1/2 N. 1st St., Suite 100, Dallas, Texas 75201	
13. Social Security Number 1-000-000000		14. Driver's License Number 1-000-000000		15. State of Residence Texas	
16. Date of Issue 10/10/1928					
17. Date of Expiration 10/10/2028					
18. Signature 					
19. Remarks This document is a true and correct copy of the original document on file with the State of Texas.					
20. Date of Issuance 10/10/1928					
21. Date of Renewal 10/10/2028					
22. Date of Cancellation 10/10/2028					
23. Date of Revocation 10/10/2028					
24. Date of Reinstatement 10/10/2028					
25. Date of Surrender 10/10/2028					
26. Date of Withdrawal 10/10/2028					
27. Date of Resignation 10/10/2028					
28. Date of Termination 10/10/2028					
29. Date of Completion 10/10/2028					
30. Date of Finalization 10/10/2028					
31. Date of Closure 10/10/2028					
32. Date of Archiving 10/10/2028					
33. Date of Digitization 10/10/2028					
34. Date of Indexing 10/10/2028					
35. Date of Cataloging 10/10/2028					
36. Date of Labeling 10/10/2028					
37. Date of Packaging 10/10/2028					
38. Date of Shipping 10/10/2028					
39. Date of Receipt 10/10/2028					
40. Date of Unpacking 10/10/2028					
41. Date of Inspection 10/10/2028					
42. Date of Approval 10/10/2028					
43. Date of Disapproval 10/10/2028					
44. Date of Rejection 10/10/2028					
45. Date of Acceptance 10/10/2028					
46. Date of Confirmation 10/10/2028					
47. Date of Verification 10/10/2028					
48. Date of Validation 10/10/2028					
49. Date of Authentication 10/10/2028					
50. Date of Authorization 10/10/2028					
51. Date of Permission 10/10/2028					
52. Date of Consent 10/10/2028					
53. Date of Assent 10/10/2028					
54. Date of Approval 10/10/2028					
55. Date of Disapproval 10/10/2028					
56. Date of Rejection 10/10/2028					
57. Date of Acceptance 10/10/2028					
58. Date of Confirmation 10/10/2028					
59. Date of Verification 10/10/2028					
60. Date of Validation 10/10/2028					
61. Date of Authentication 10/10/2028					
62. Date of Authorization 10/10/2028					
63. Date of Permission 10/10/2028					
64. Date of Consent 10/10/2028					
65. Date of Assent 10/10/2028					
66. Date of Approval 10/10/2028					
67. Date of Disapproval 10/10/2028					
68. Date of Rejection 10/10/2028					
69. Date of Acceptance 10/10/2028					
70. Date of Confirmation 10/10/2028					
71. Date of Verification 10/10/2028					
72. Date of Validation 10/10/2028					
73. Date of Authentication 10/10/2028					
74. Date of Authorization 10/10/2028					
75. Date of Permission 10/10/2028					
76. Date of Consent 10/10/2028					
77. Date of Assent 10/10/2028					
78. Date of Approval 10/10/2028					
79. Date of Disapproval 10/10/2028					
80. Date of Rejection 10/10/2028					
81. Date of Acceptance 10/10/2028					
82. Date of Confirmation 10/10/2028					
83. Date of Verification 10/10/2028					
84. Date of Validation 10/10/2028					
85. Date of Authentication 10/10/2028					
86. Date of Authorization 10/10/2028					
87. Date of Permission 10/10/2028					
88. Date of Consent 10/10/2028					
89. Date of Assent 10/10/2028					
90. Date of Approval 10/10/2028					
91. Date of Disapproval 10/10/2028					
92. Date of Rejection 10/10/2028					
93. Date of Acceptance					

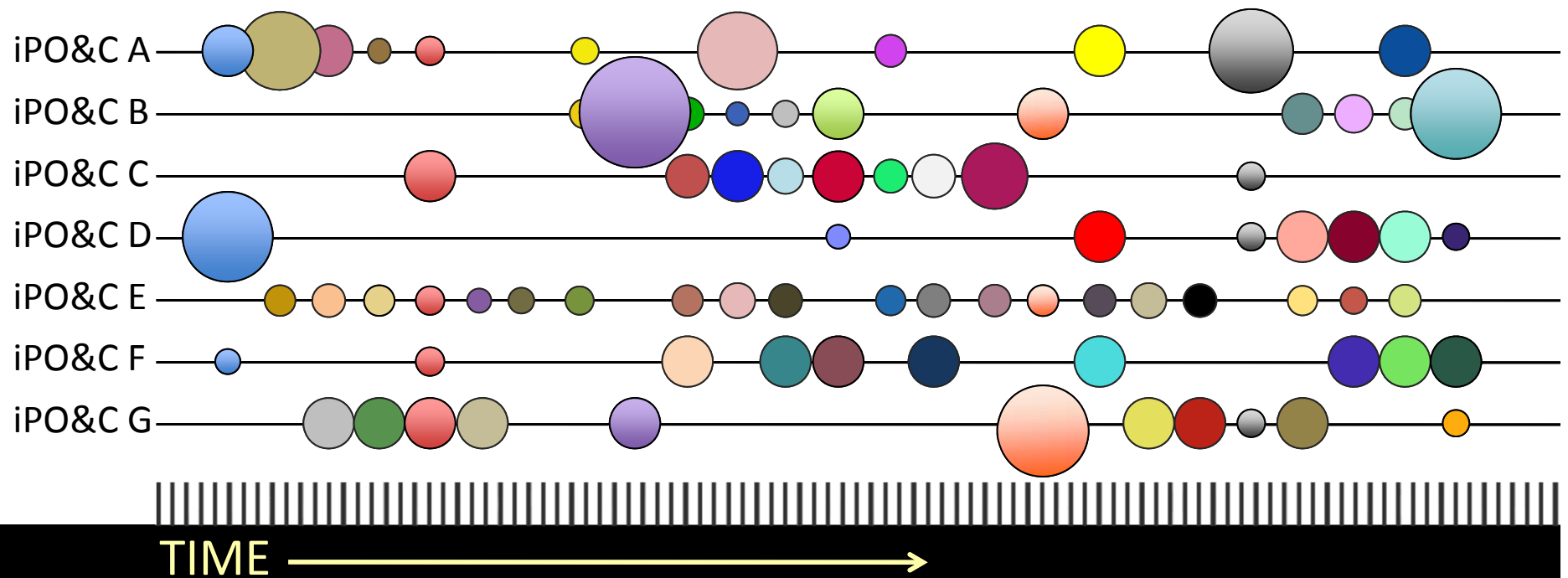
[illegible][illegible]

Building the Advanced Analytical Space

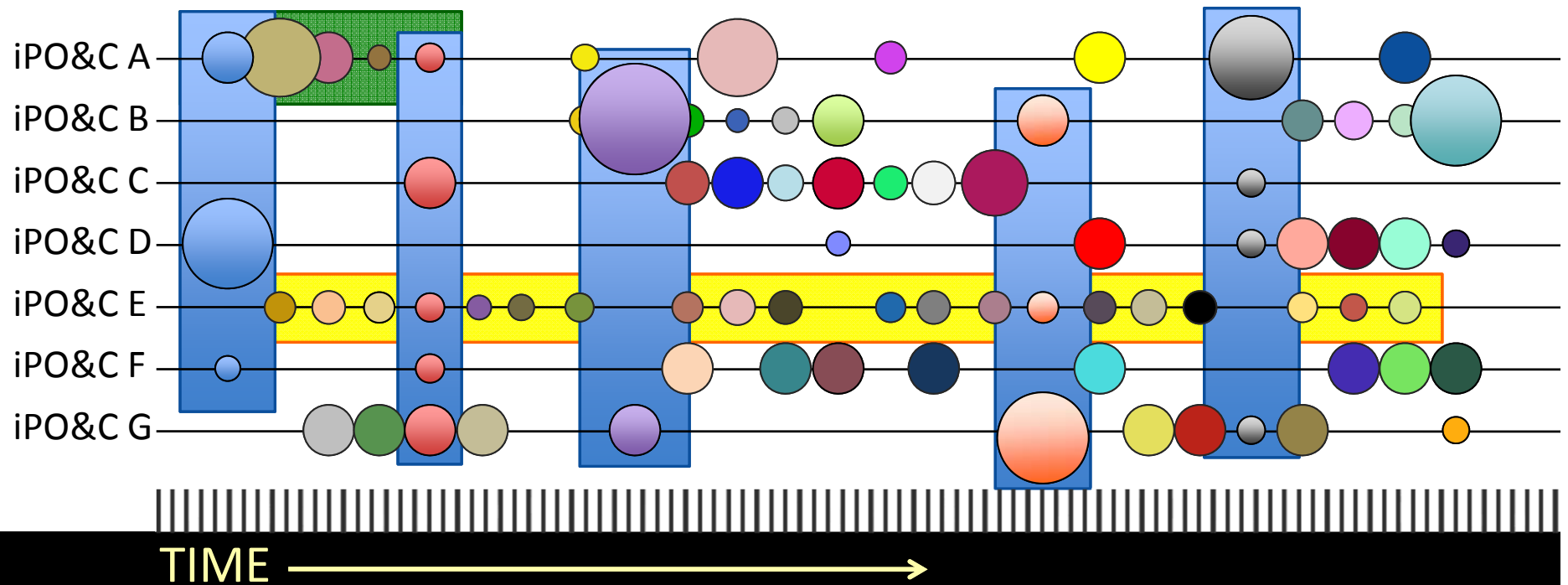
- **Patterns: PO&C and AFI**
- **Informed PO&C (iPO&C) Pattern: PO&C plus AFI**
- **CR Signatures**



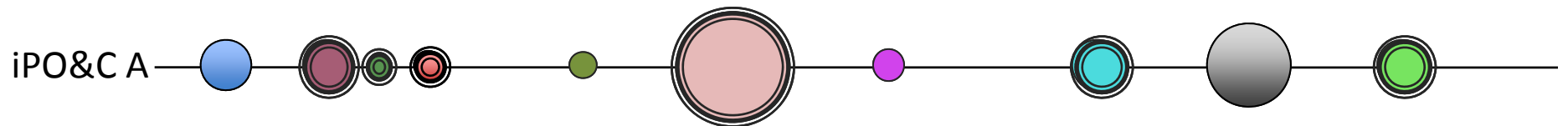
Global Visualization: iPO&C versus CR Signatures



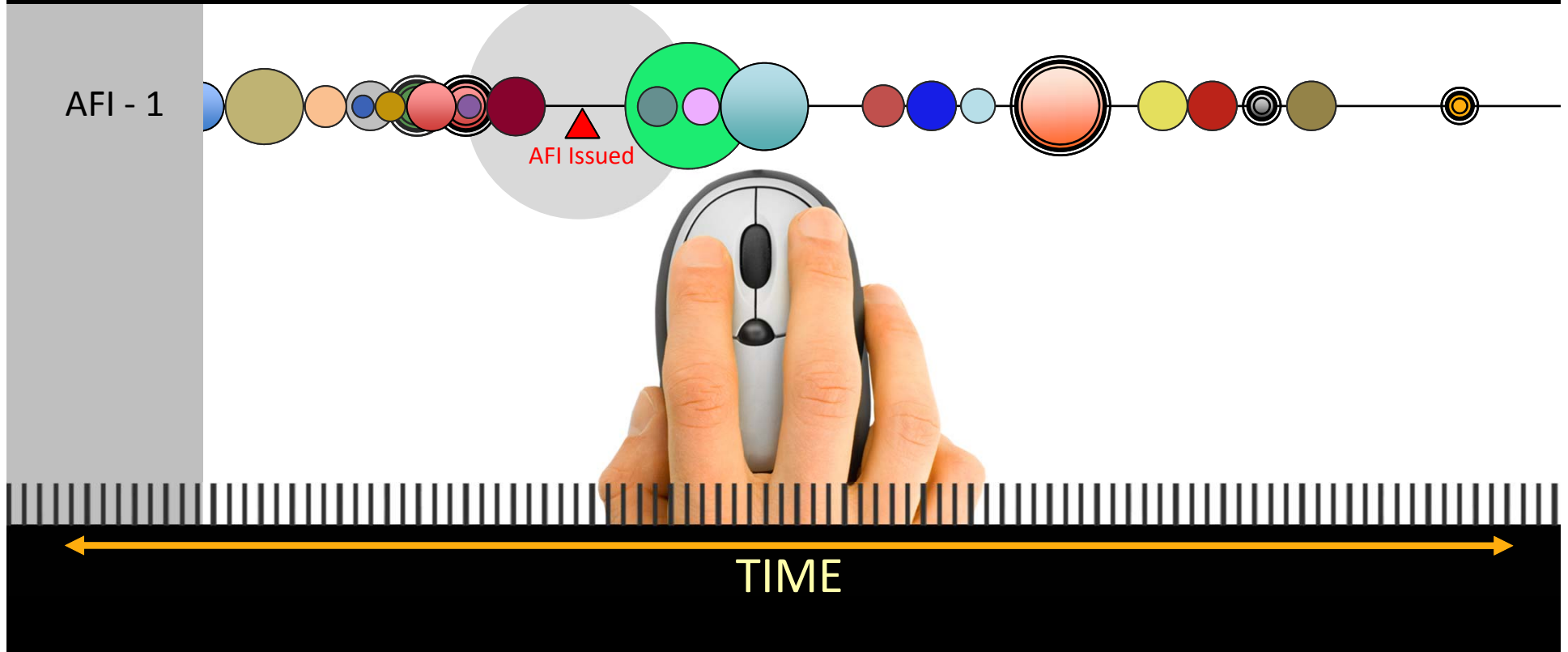
Global Visualization: iPO&C versus CR Signatures



Similarity Visualization: iPO&C versus CR Signatures



Similarity Visualization: AFI Pattern versus CR Signatures

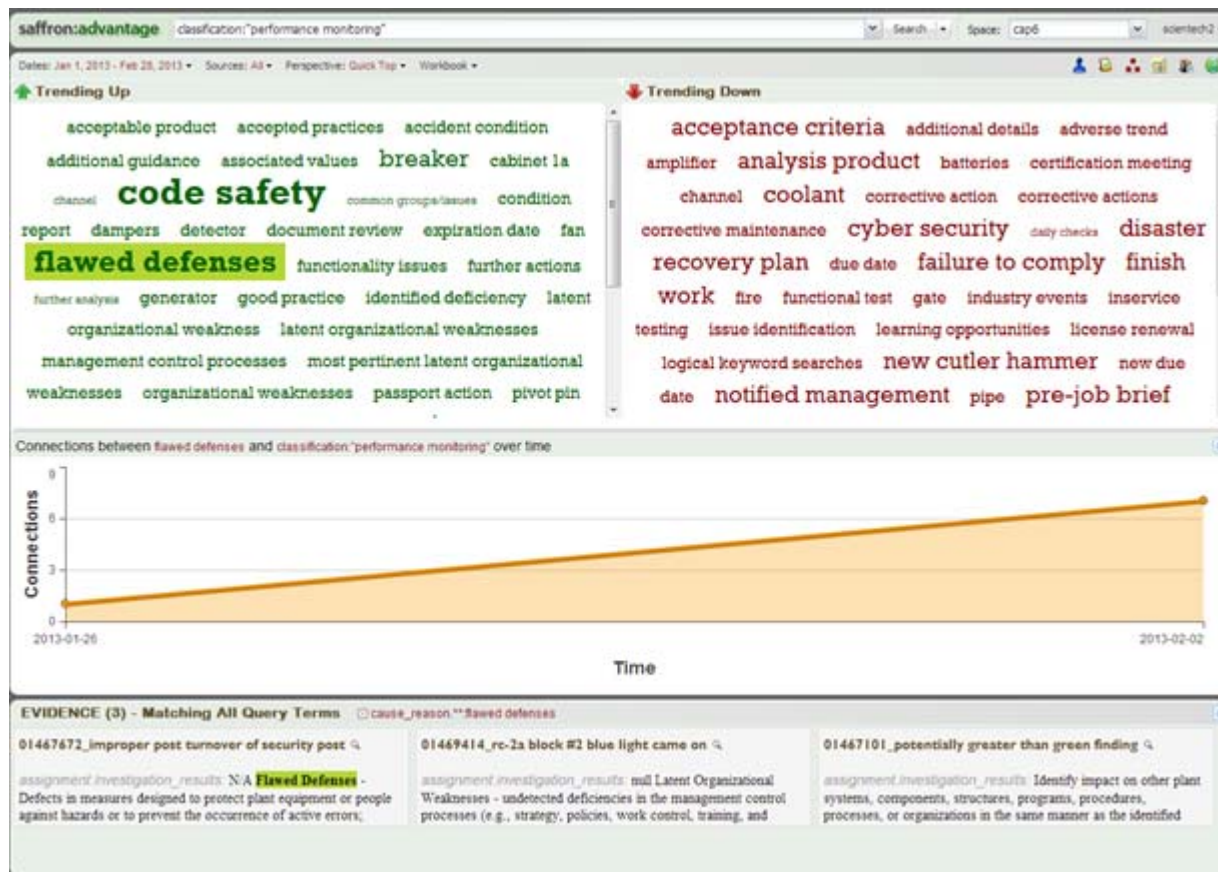


Sciencetech Advanced Analytics Solution

- Avoid

- Prepare

- Anticipate



Classification:
Performance Monitoring

Query:

Count:
50

Go

☒ Document

☒ Focus Area

☒ Equipment

☒ Components

☒ Cause/Condition

Reset Zoom

