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11-28-2018

PlumX Data Hacks & the Integrated Impact Indicator

Ellie Dworak

Boise State University

Presented at the Albertsons Library Research Colloquium at Boise State University, Boise, Idaho.

PlumX Data Hacks & the Integrated Impact Indicator

A decorative graphic spanning the width of the slide. It features a blue line graph with circular markers, some of which are highlighted with a white border. The graph is set against a background of green and yellow areas that resemble a stylized landscape or data visualization. The background is divided into vertical sections by thin white lines.

Ellie Dworak

Information Design & Data Visualization Librarian

1.

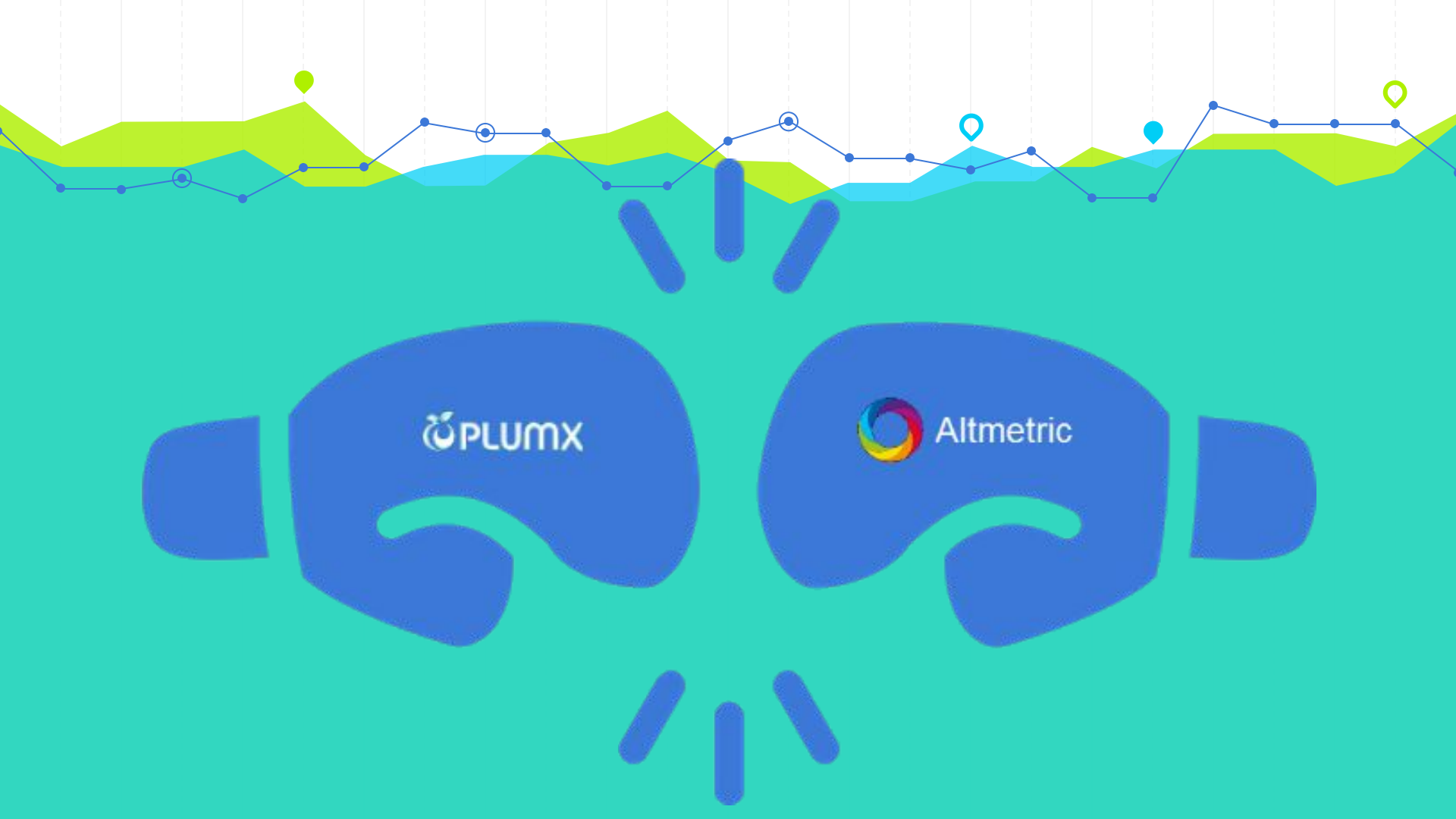


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PLUMX

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PLUMX METRICS

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274

Abstract Views ☹

226

Link-outs ☹

48

CAPTURES ▼

45

Readers ☹

23

Exports-Saves ☹

22

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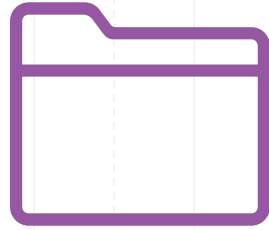
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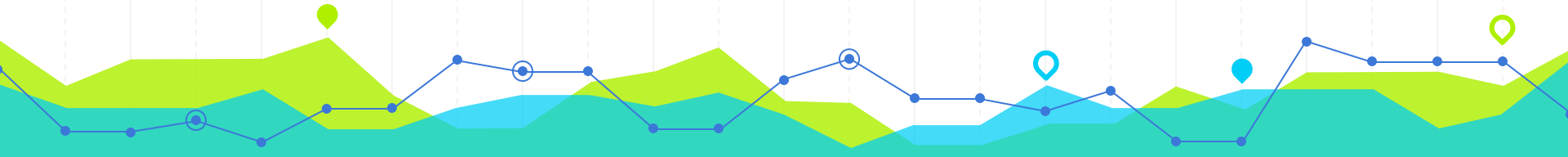
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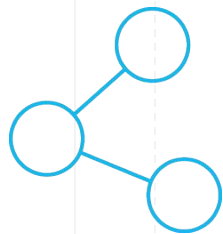
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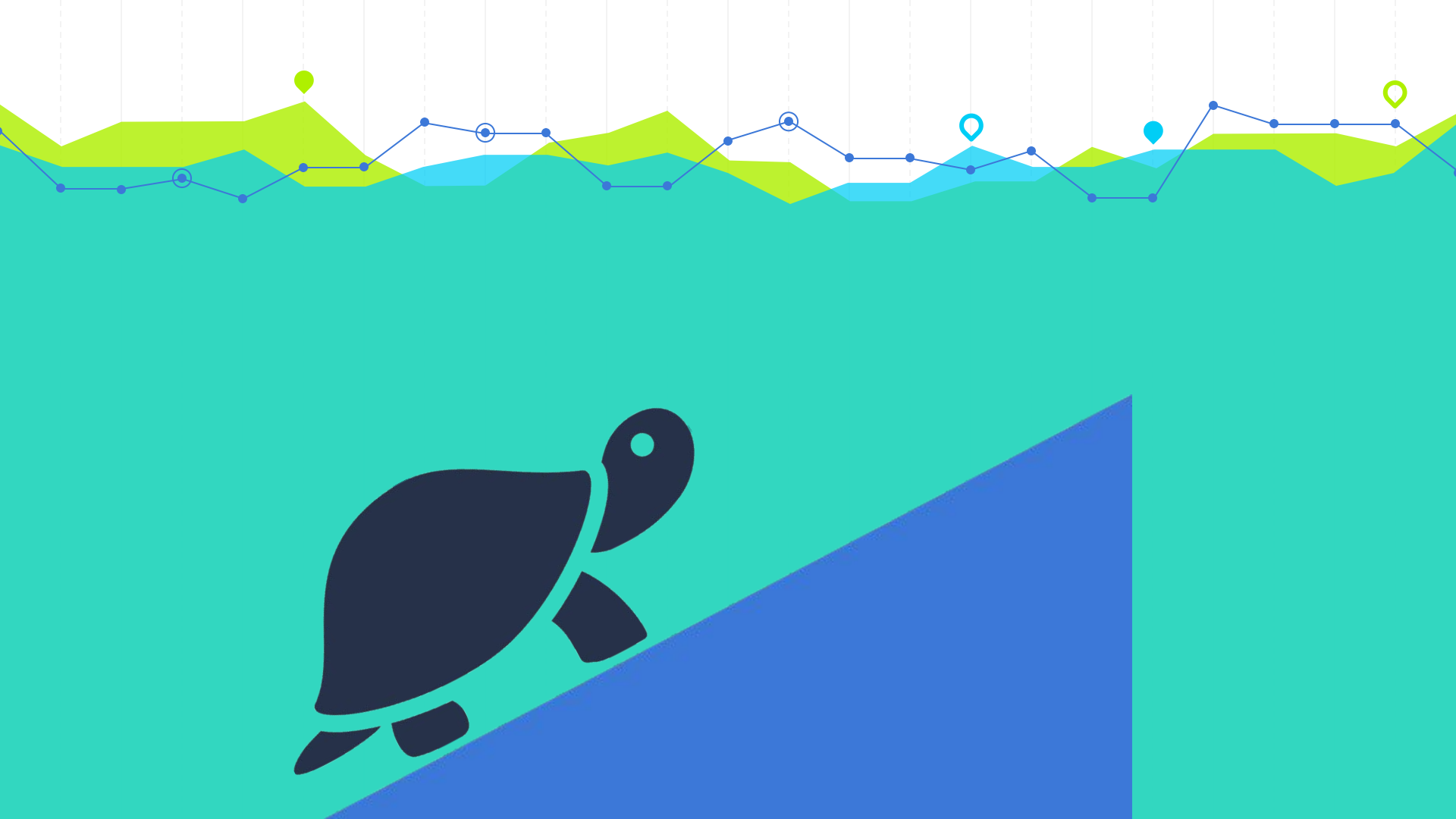
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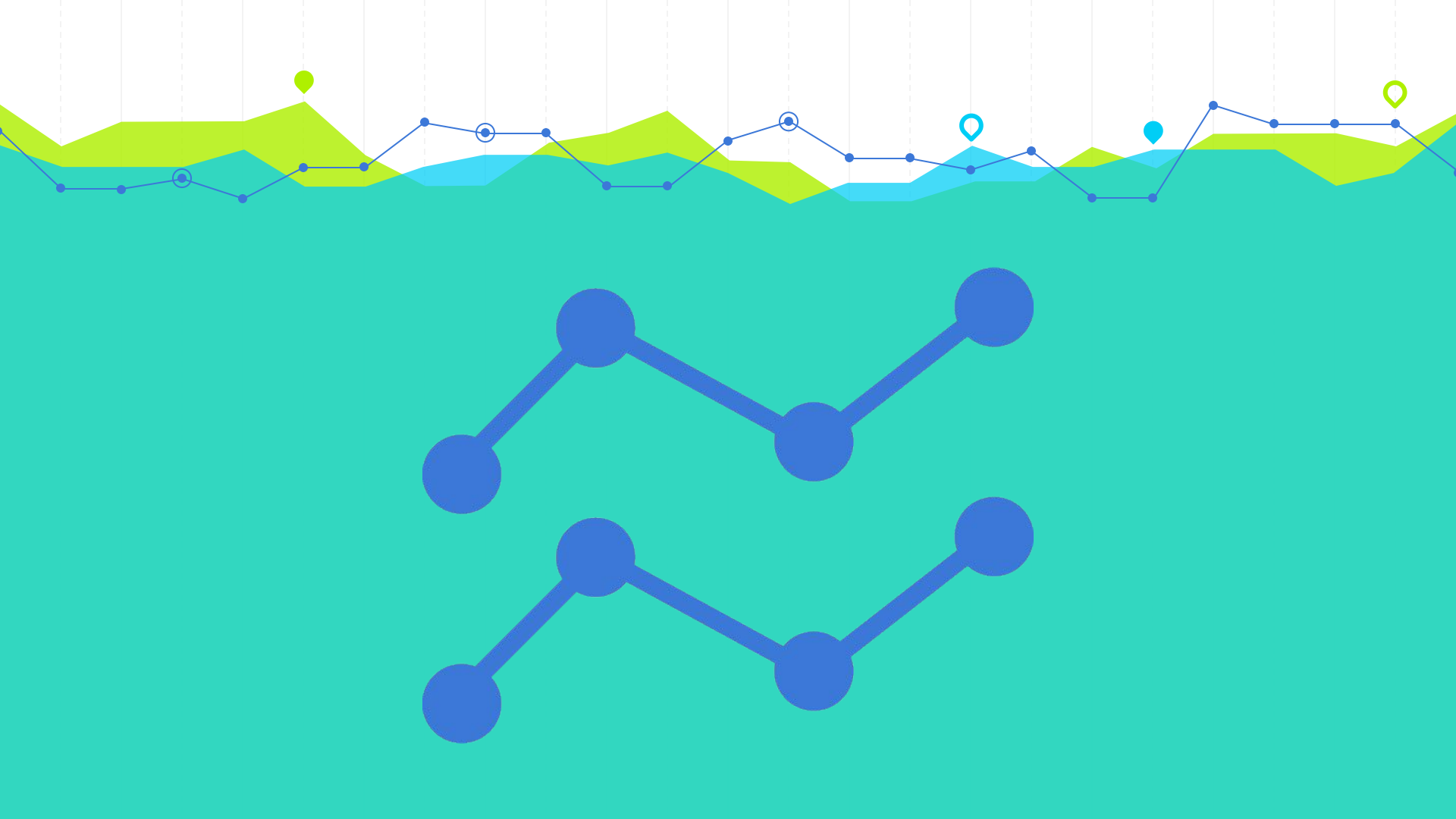
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Citations**



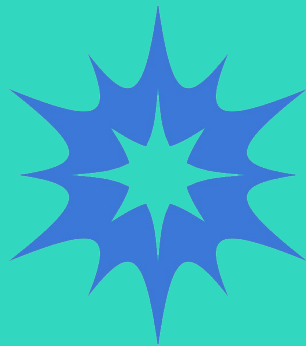
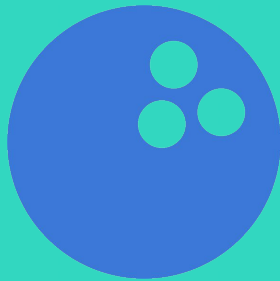
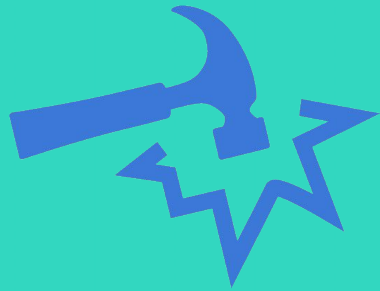
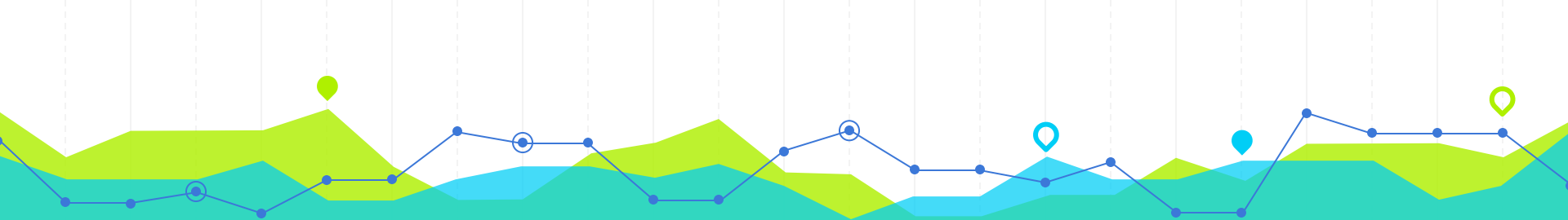
2. Altmetrics - Why Bother?





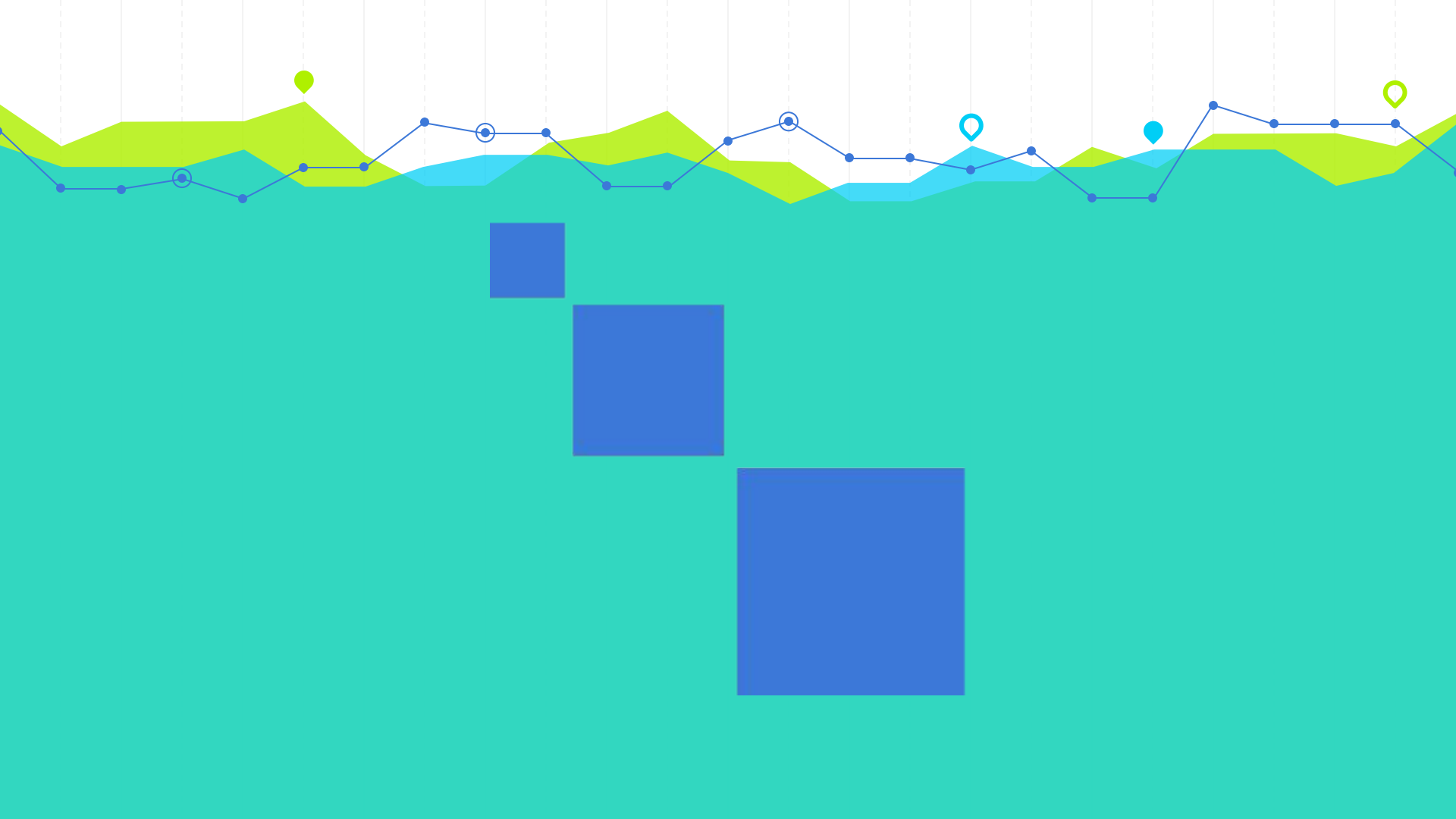


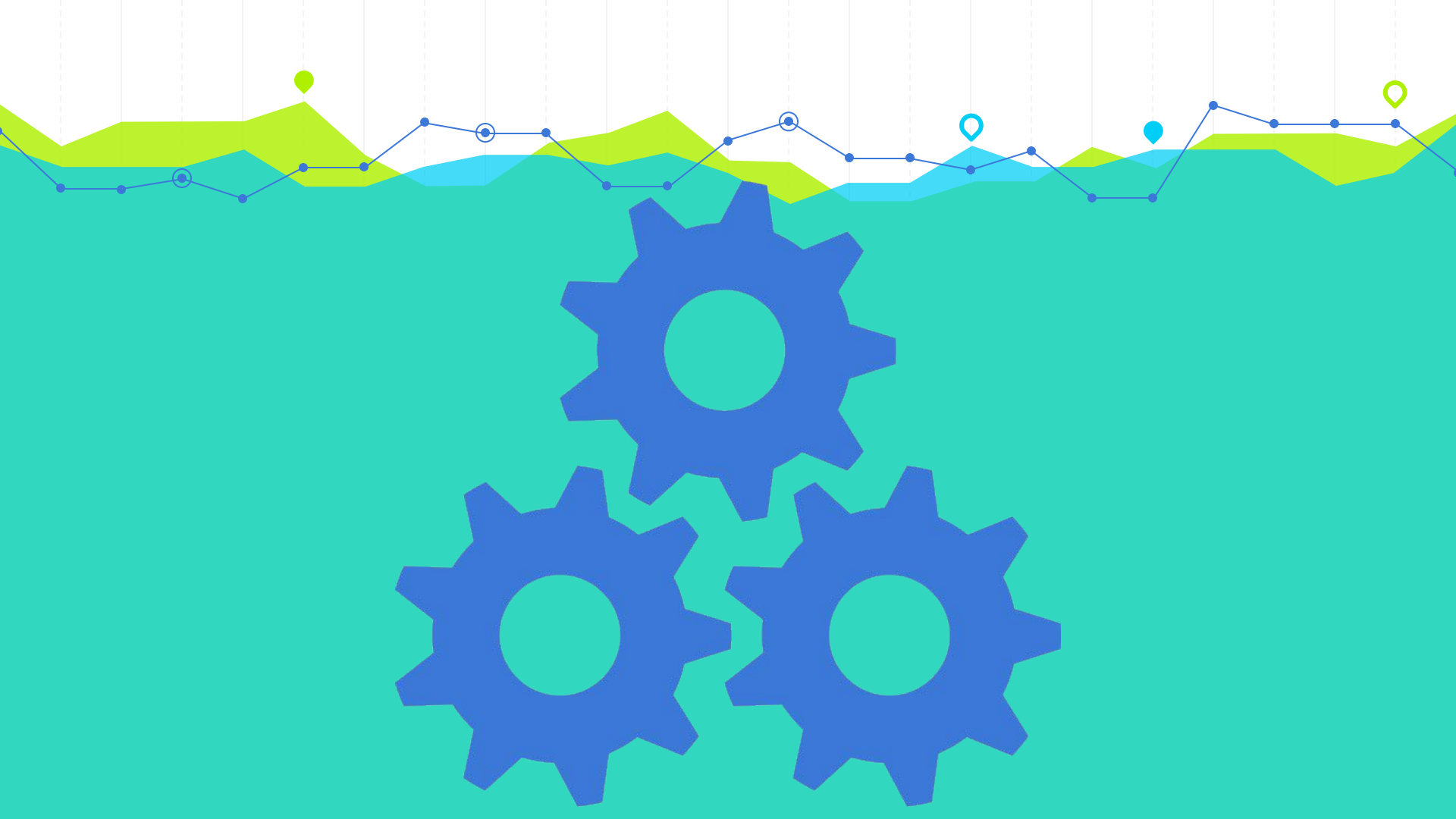


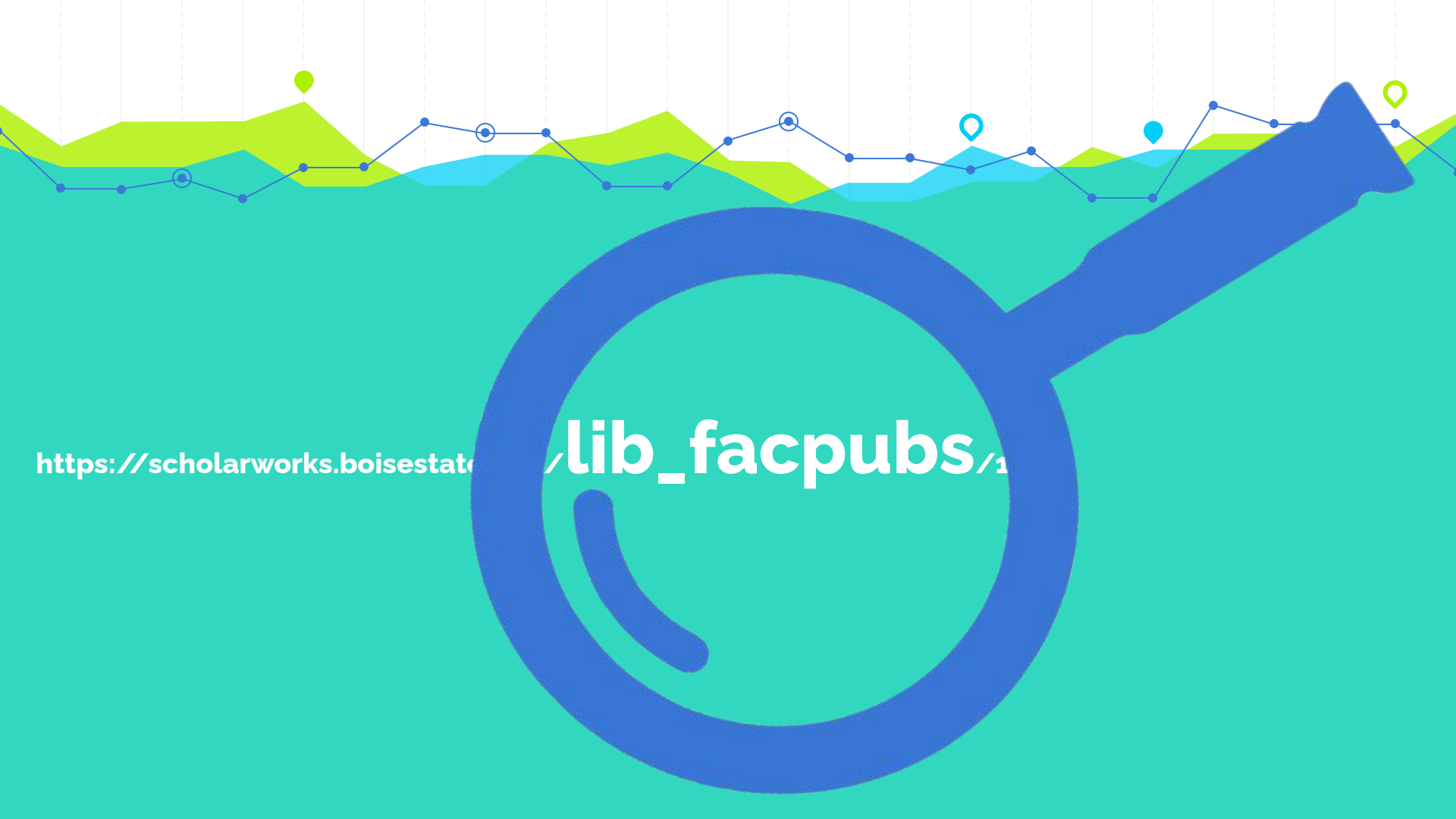


3. Data Hacks

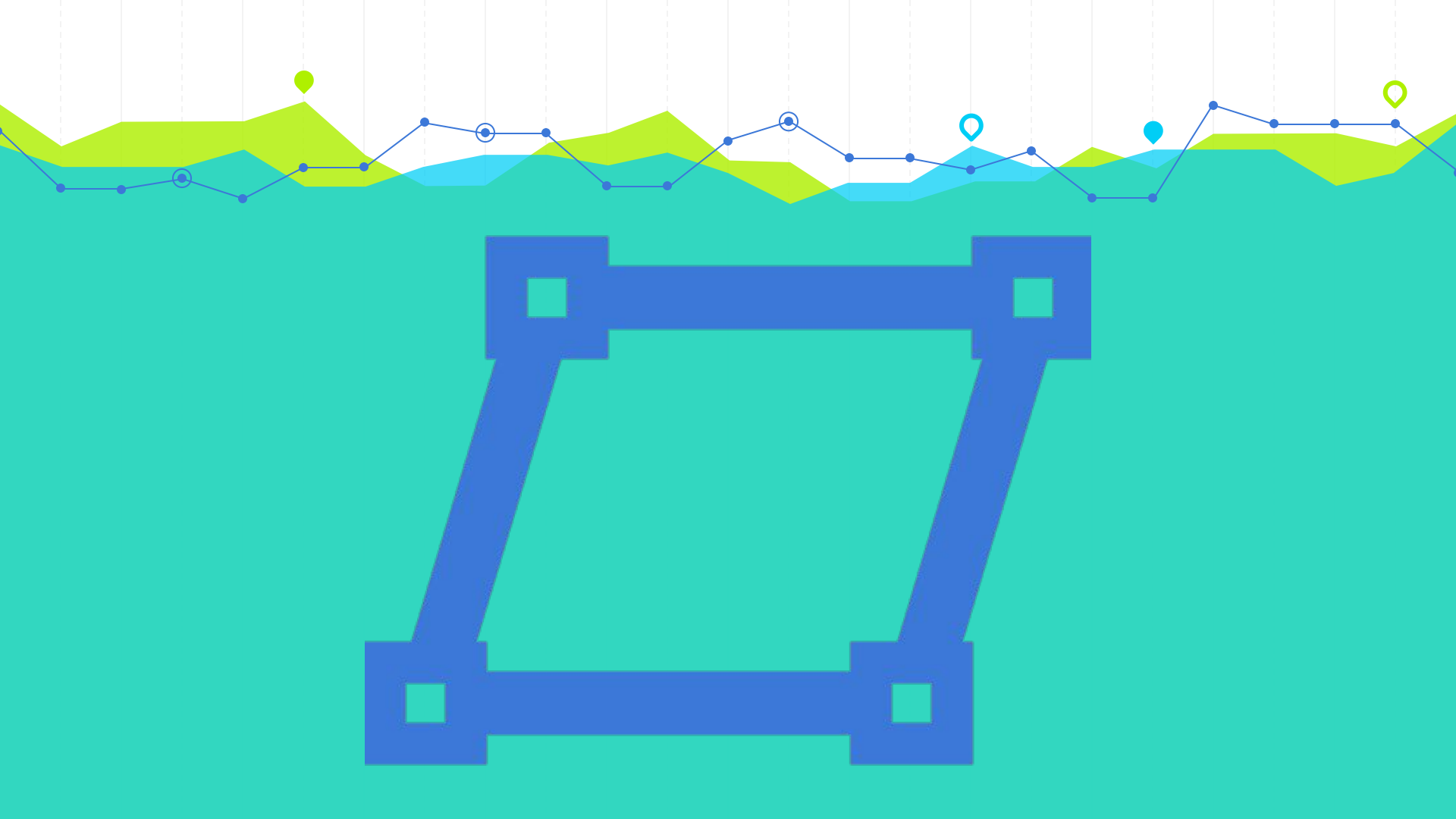








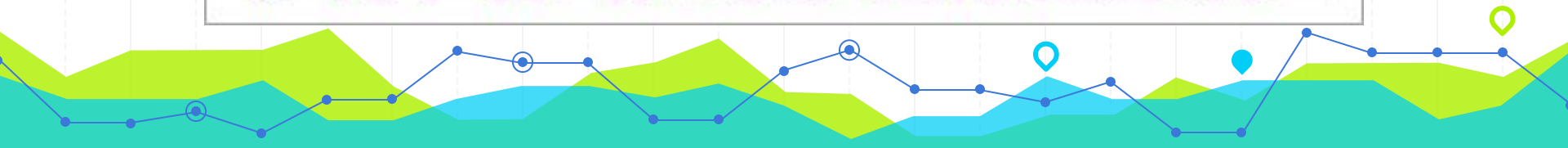
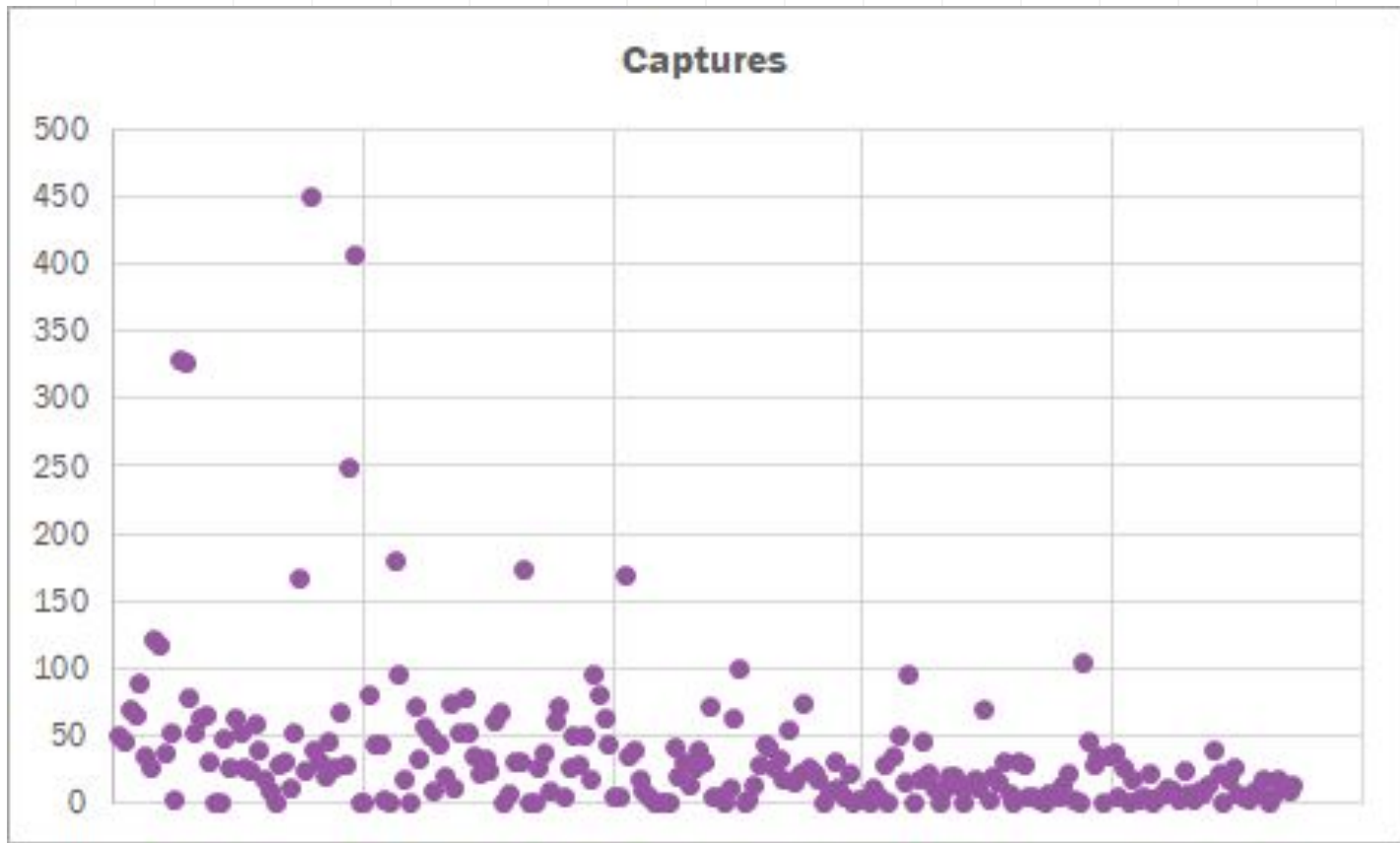
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Usage	125	235

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Articles	213
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Book Chapters	2
Conference Papers	15
Reviews	2





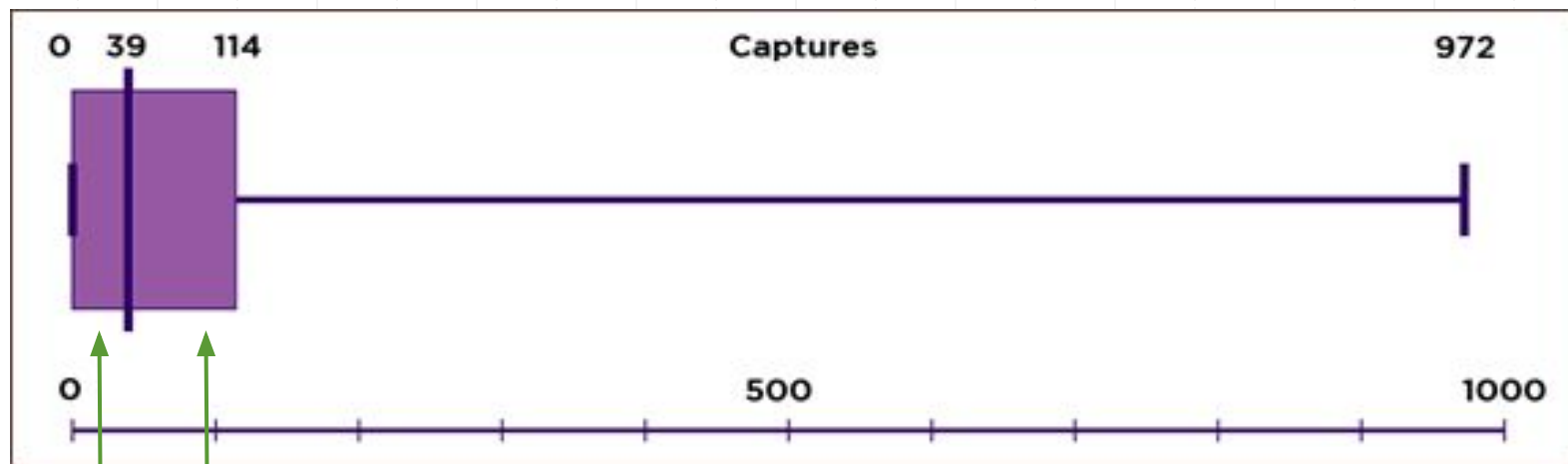


4. The Trouble with the H-Index



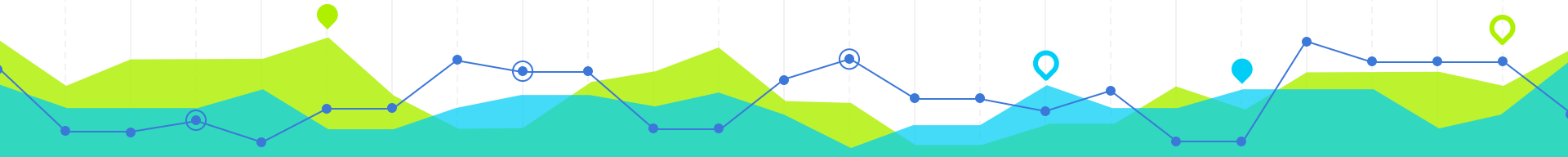
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5.

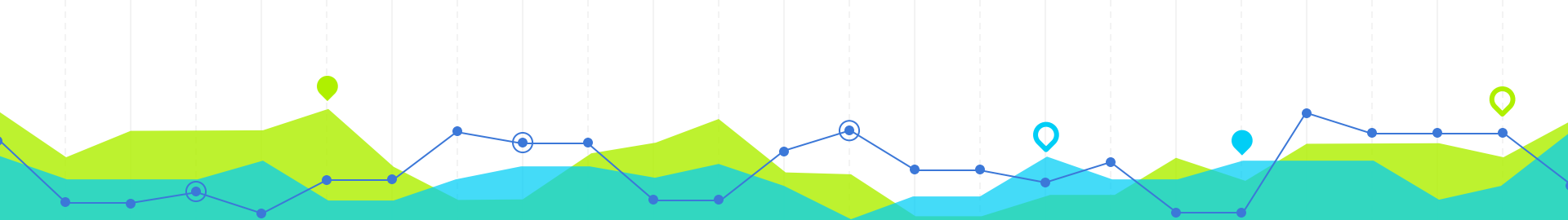
Enter the
Integrated
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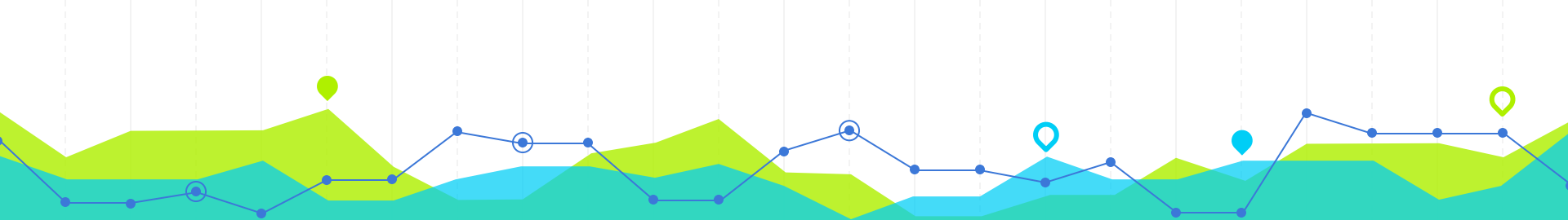




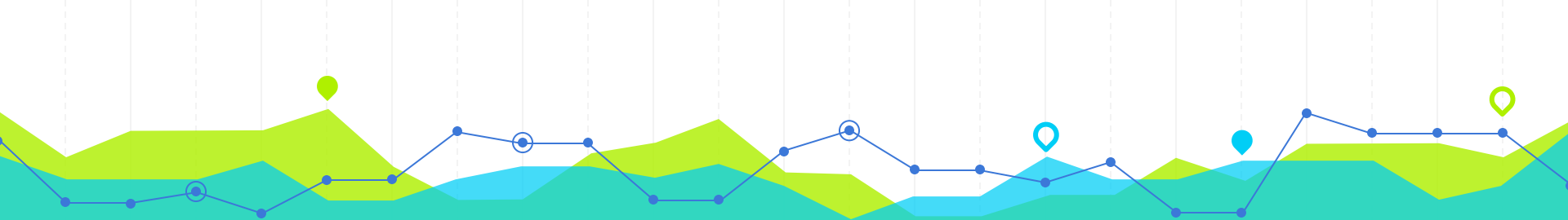
$$I_3 = \sum_i x_i * n(x_i)$$



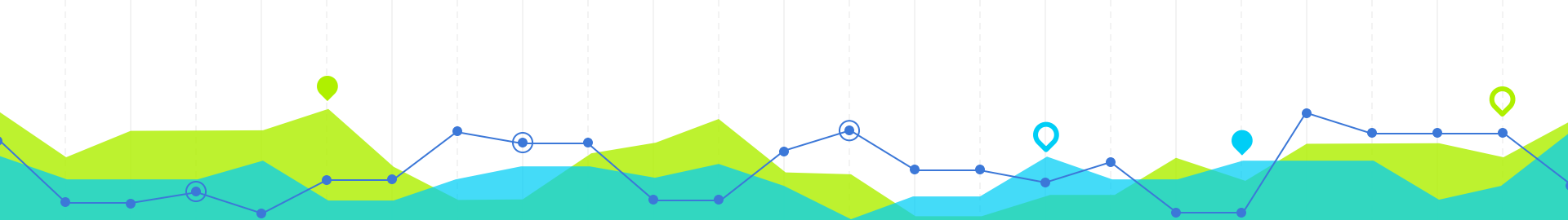
$$I_3 = \sum_i x_i * n(x_i)$$



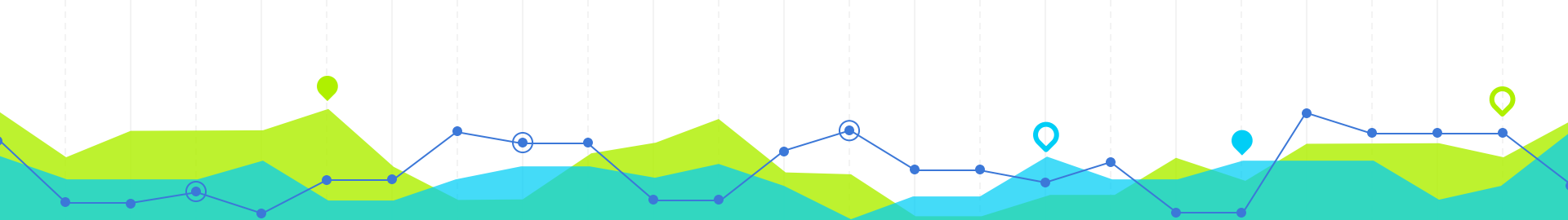
$$I3 = \sum_i \mathbf{x}_i * n(\mathbf{x}_i)$$



$$I3 = \sum_i x_i * n(x_i)$$



$$I3 = \sum_i x_i * n(x_i)$$

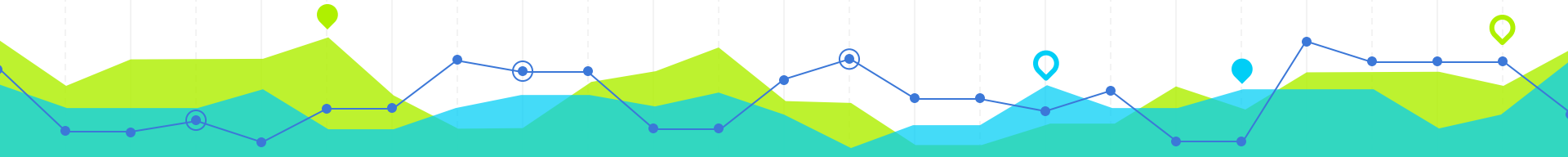


I3 is the sum of the rank values for each publication in the set.

Percentile Rank	Rank Weight	n_i	$n_i * x_i$
Top 1%	6		
95-99%	5		
90-95%	4		
75-90%	3		
50-75%	2		
>0-50%	1		
		I3= Σ	

6. ■

The I3 in
its Native
Habitat





LIBRARY

Percentile	Rank	Weight
≥ 24001	Top 1%	6
1904-24000	95-99%	5
1196-1903	90-95%	4
402-1195	75-90%	3
201 - 401	50-75%	2
1 - 200	>0-50%	1

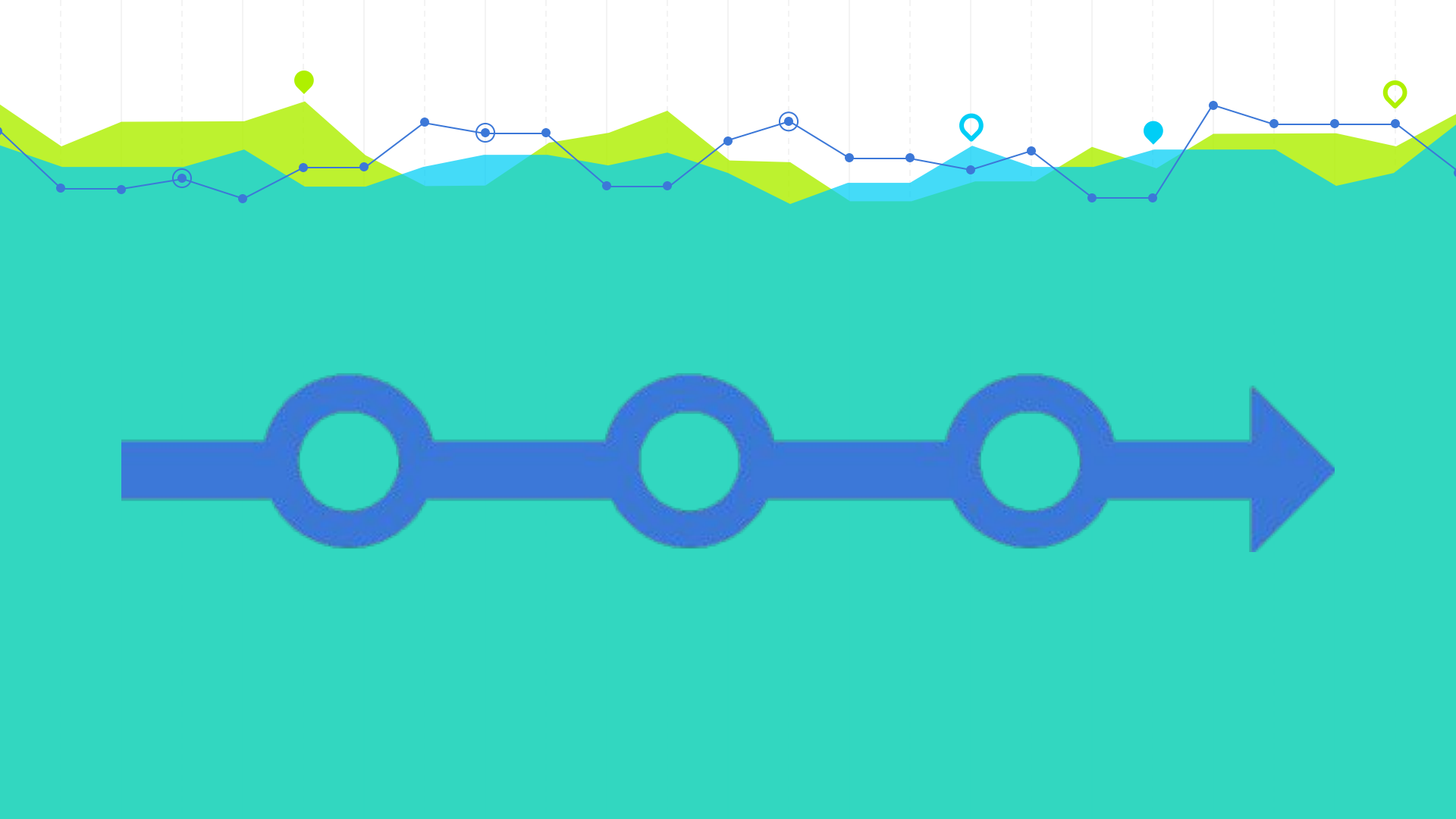
Note: these results have been modified to maintain privacy.

ELLIE

Rank	Weight	n_i	$n_i * x_i$
Top 1%	6	0	0
95-99%	5	0	0
90-95%	4	1	4
75-90%	3	3	9
50-75%	2	2	4
>0-50%	1	6	6
			13=23

Note: these results have been modified slightly for demonstration purposes.

Library	Dept. B	Rank	Weight
≥ 24001	≥ 1409	Top 1%	6
1904-24000	1113-1408	95-99%	5
1196-1903	634-1112	90-95%	4
402-1195	241-633	75-90%	3
201 - 401	56-240	50-75%	2
1 - 200	1 - 55	>0 -50%	1





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