

OBSERVABILITY DATA ENGINEERING

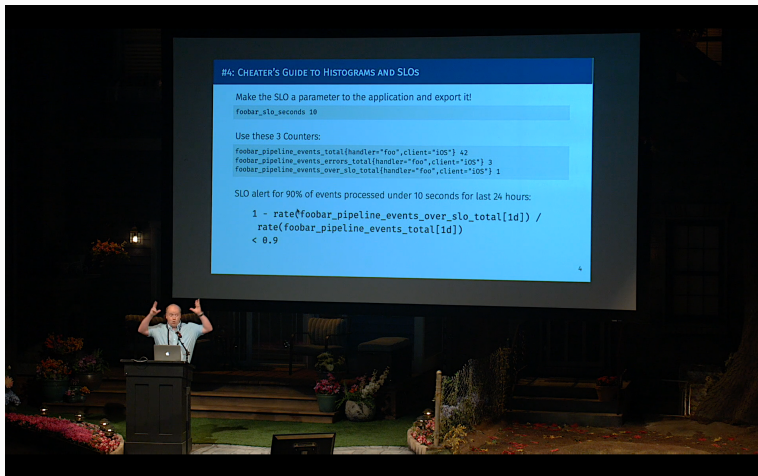
A STORY ABOUT MATH, FOUR GOLDEN SIGNALS, AND BUSINESS INTELLIGENCE

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The speaker is a man with glasses, wearing a light blue shirt, standing behind a dark wooden podium. He has his hands raised in a gesture. The podium has a laptop on it. The background is a large screen displaying a presentation slide. The slide has a dark blue header and a light blue body. The slide content is as follows:

#4: CHEATER'S GUIDE TO HISTOGRAMS AND SLOS

Make the SLO a parameter to the application and export it!

```
foobar_slo_seconds 10
```

Use these 3 Counters:

```
foobar_pipeline_events_total{handler="foo",client="ios"} 42
foobar_pipeline_events_errors_total{handler="foo",client="ios"} 3
foobar_pipeline_events_over_slo_total{handler="foo",client="ios"} 1
```

SLO alert for 90% of events processed under 10 seconds for last 24 hours:

```
1 - rate(foobar_pipeline_events_over_slo_total[1d]) /
rate(foobar_pipeline_events_total[1d])
< 0.9
```

4

TRAFFIC

ERRORS

LATENCY

SATURATION