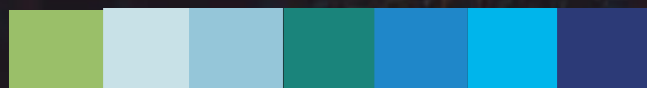


EXPERTS LIVE KENYA

26TH JULY 2024
NAIROBI, KENYA



Observability with Azure

Sameer Mhaisekar

Developer Advocate @ SquaredUp
Microsoft MVP



What is Observability?



“Measure of how well internal states of a system can be inferred from knowledge of its external outputs.”



Not only the objective health of the application but the overall E2E experience



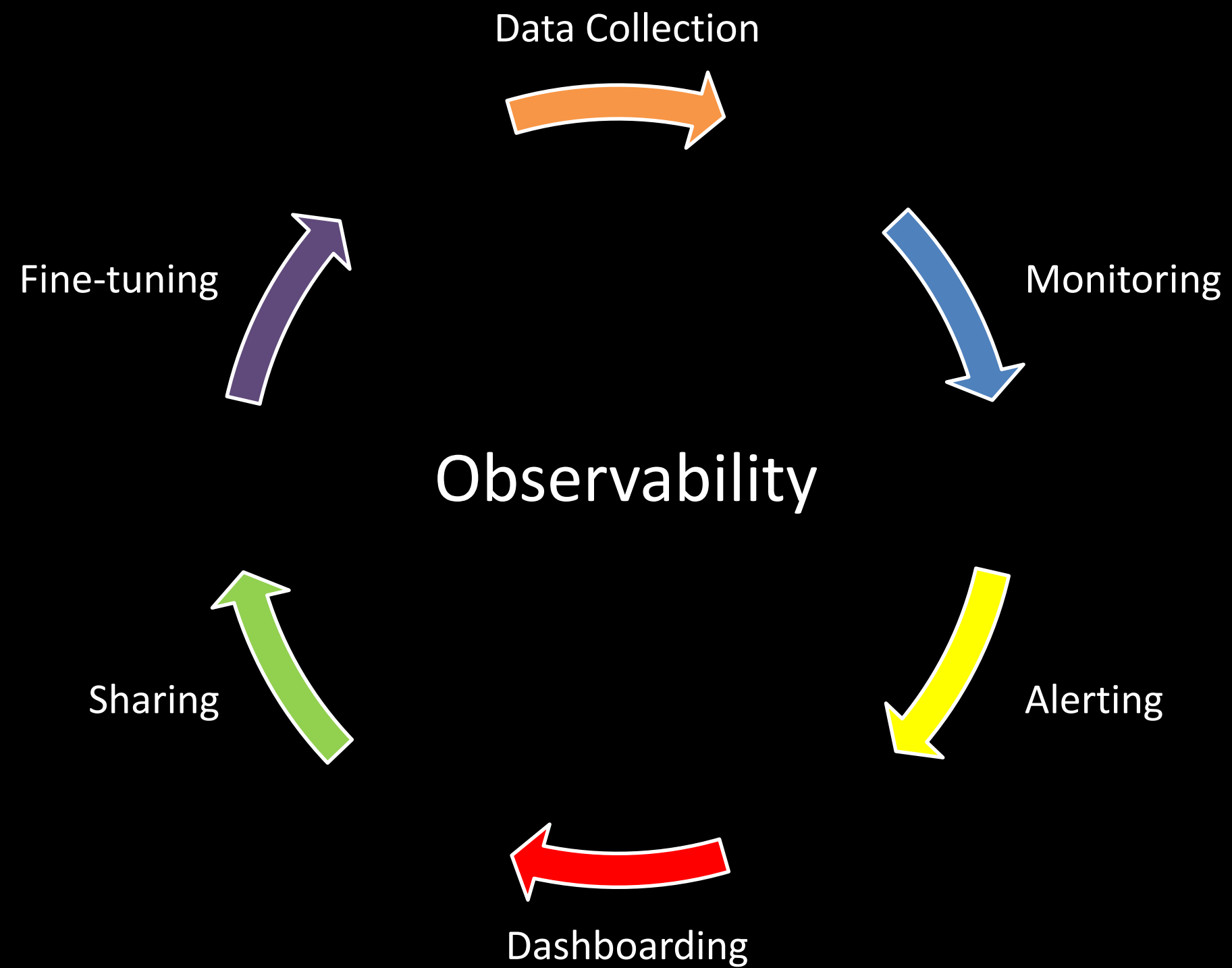
Not only the health of the technical components but also its business impact



Not just having the data but being able to use the data



Ongoing Process





Observability vs Monitoring

Monitoring	Observability
Reactive	Proactive
Historical analysis	Depth of insight
Alert driven	Data driven
Static	Adaptive to change
What	Why
Known unknowns	Unknown unknowns



Three pillars of Observability

Metrics

Something is wrong!

- Numeric measurement that is timestamped to indicate when it was collected.

Logs

Okay, what's wrong?

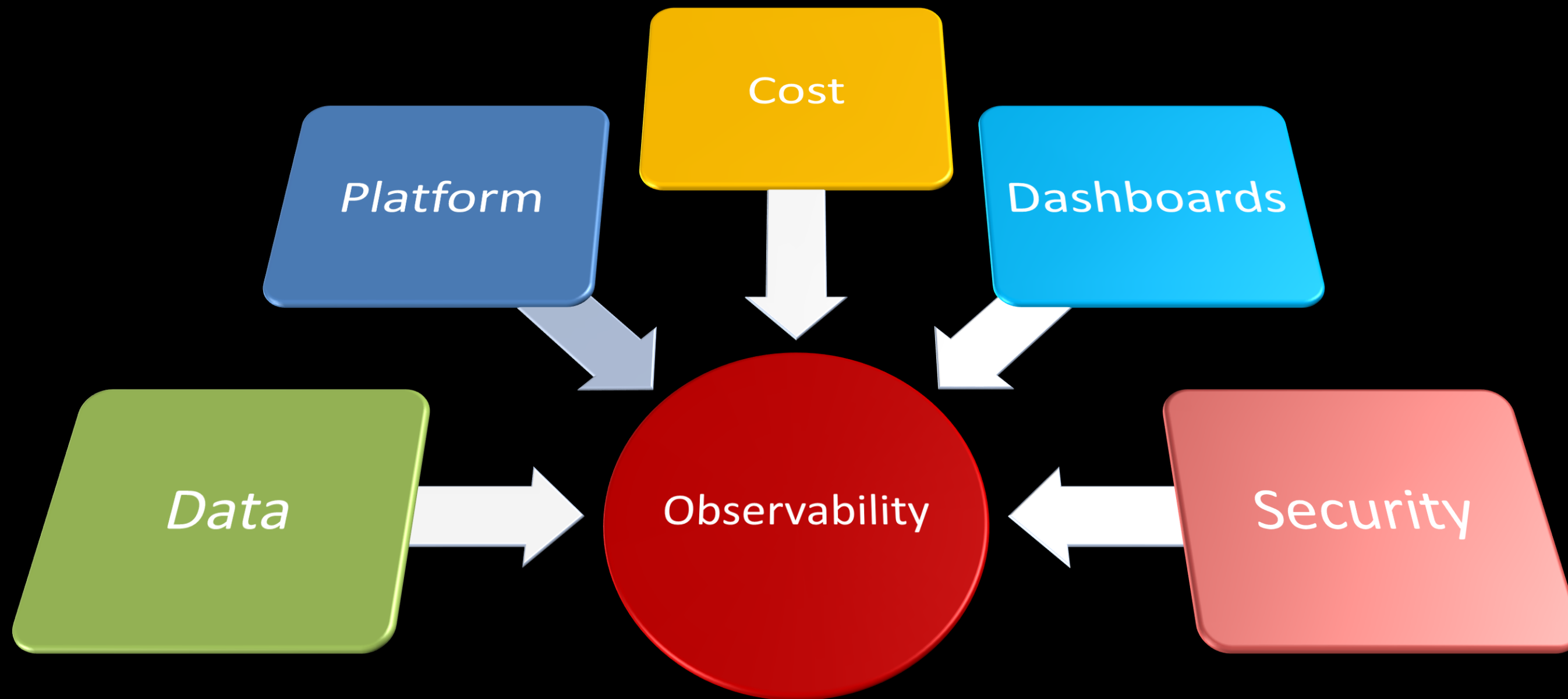
- Detailed records of events that occur within an application or system.

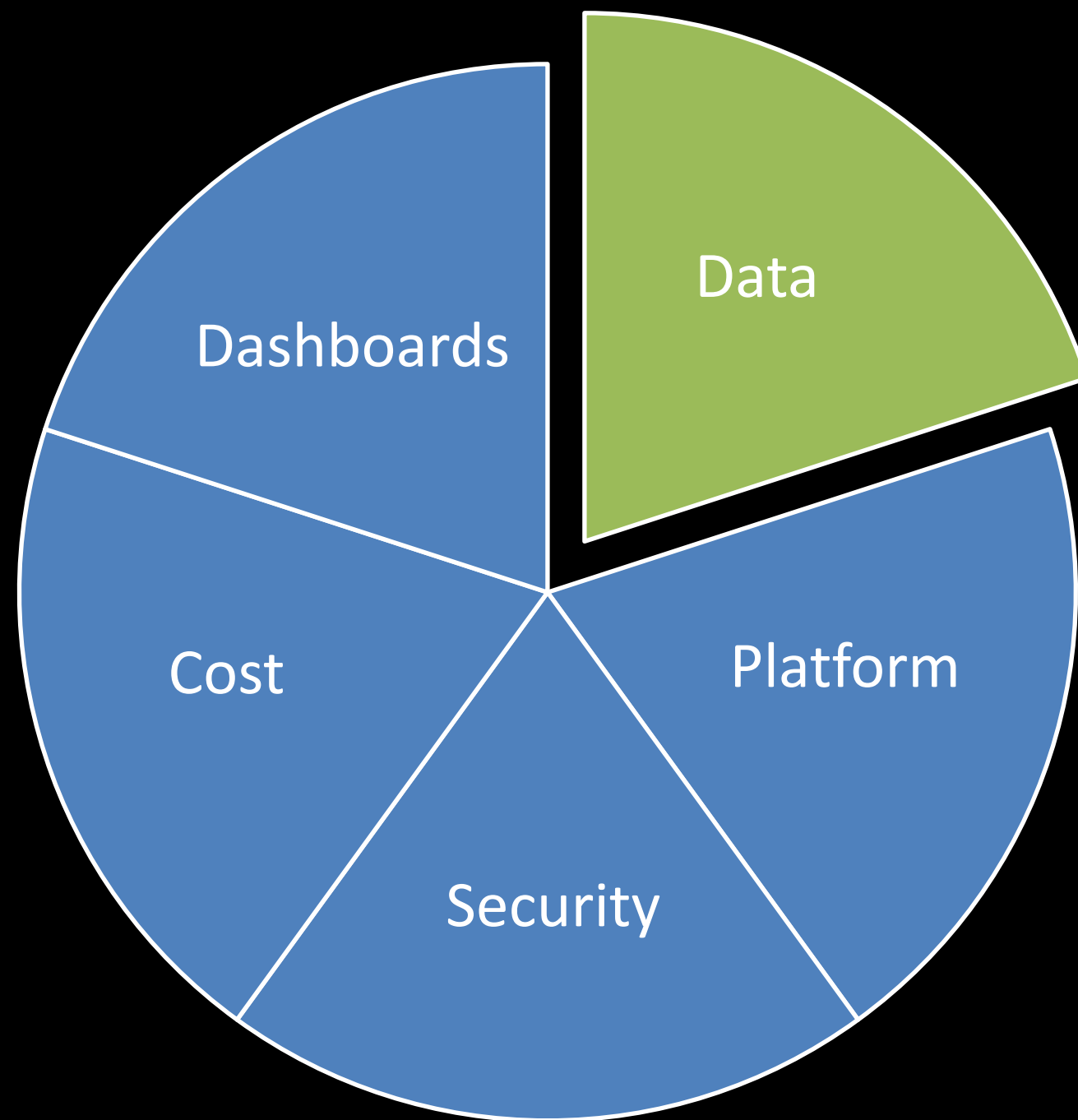
Traces

Alright, where?

- Tracing a request as it propagates through all the microservices in your app.

Observability in Azure





Azure Monitor

Platform Metrics

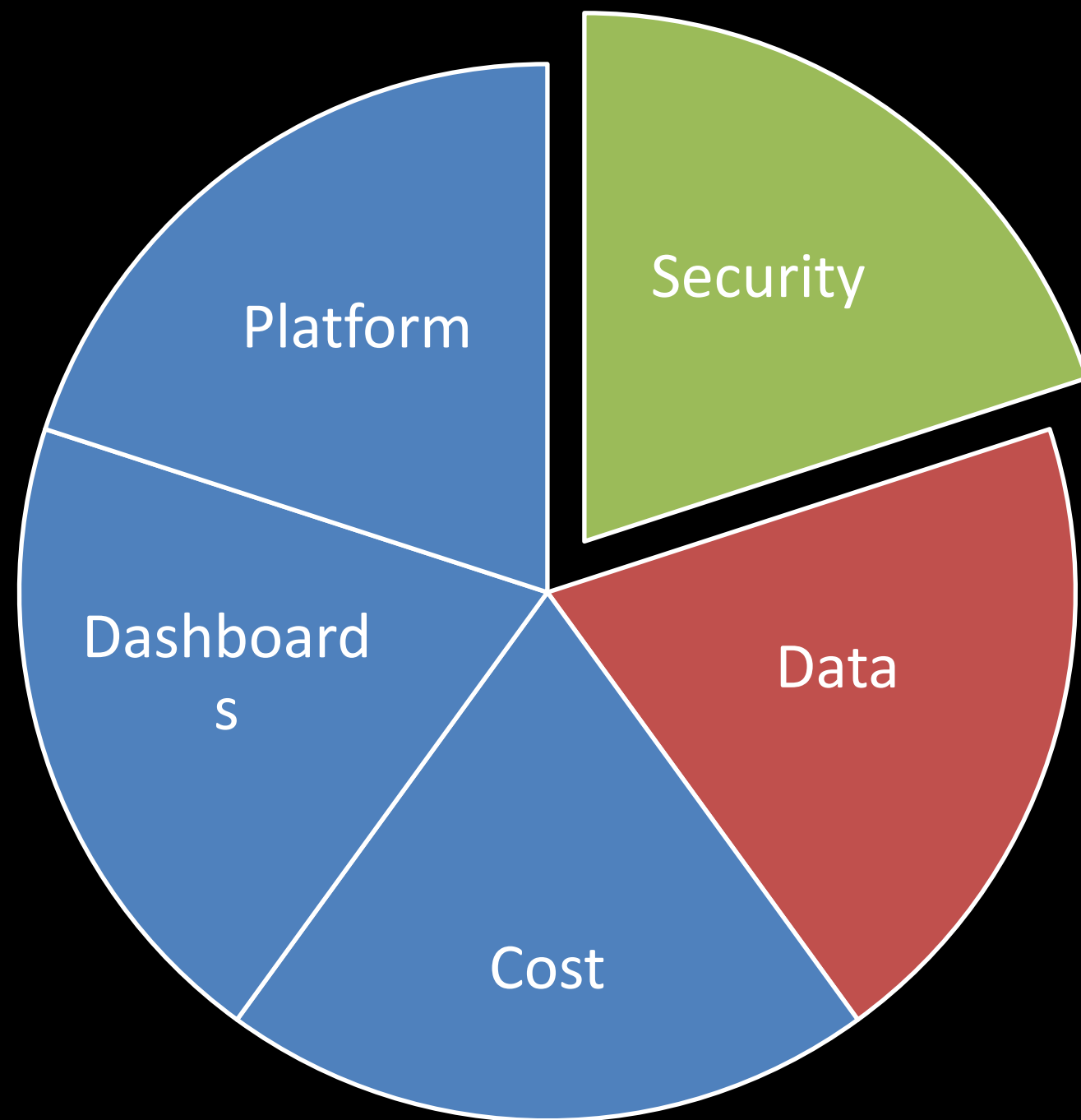
Insights

Log Analytics

Application Insights

SCOM/SCOM MI

3rd Party Tools

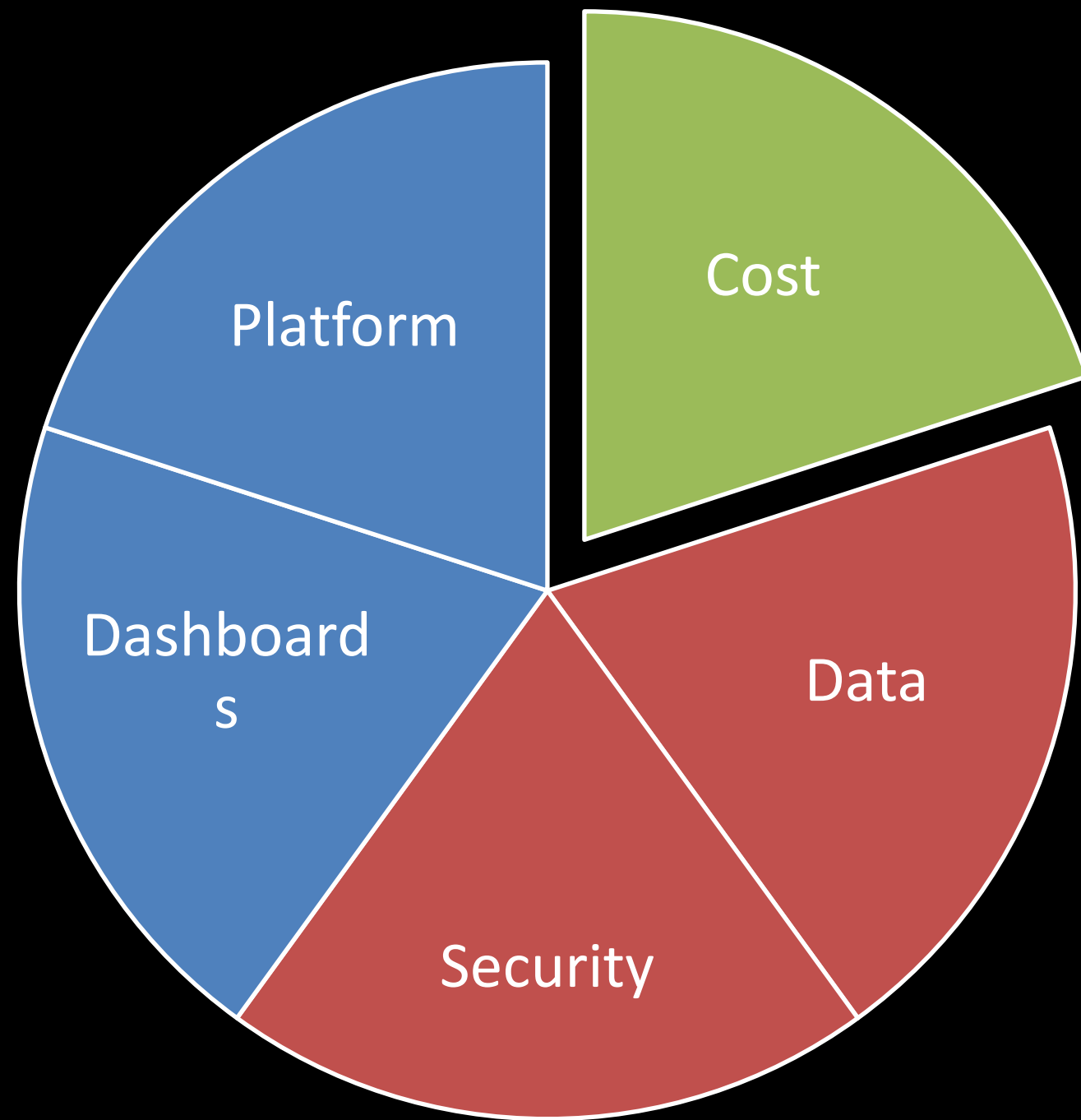


Sentinel

Firewalls/NSGs

Defender for Cloud

3rd Party

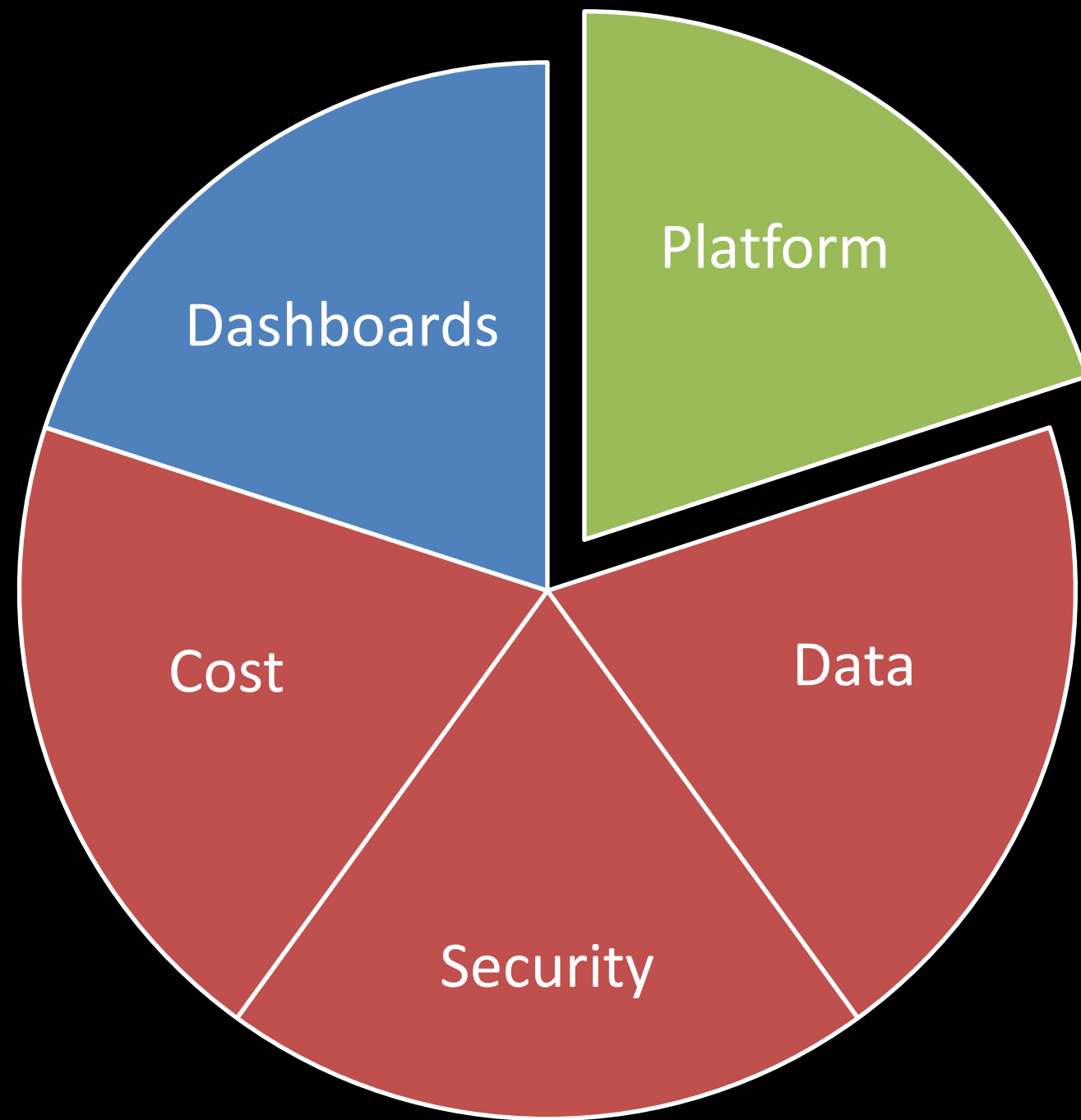


Cost Center

Budgets

Azure Advisor

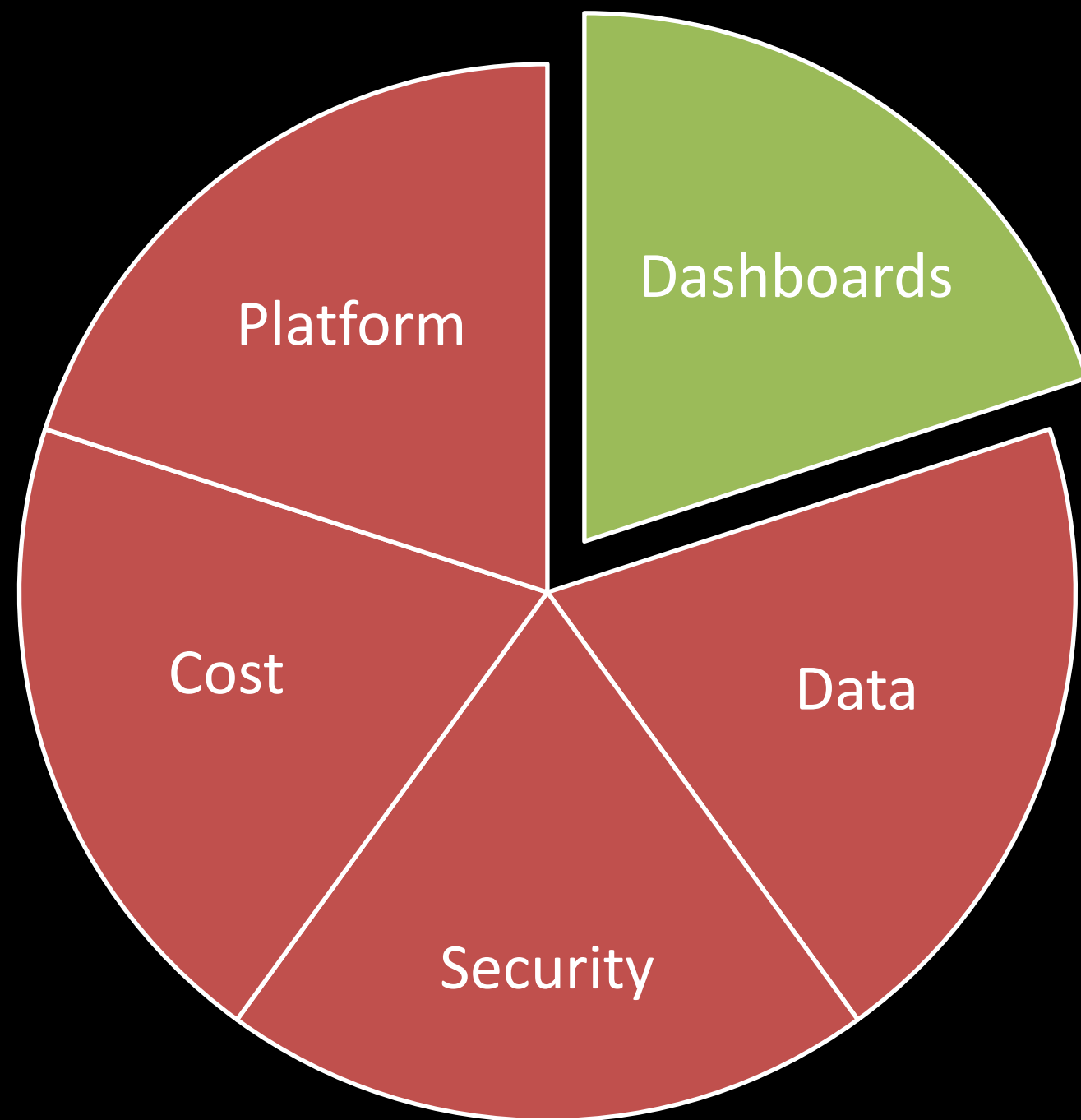
3rd Party



Azure Service/Resource Health

Azure Monitor Activity Logs

Entra ID Logs



Native dashboards

Workbooks

3rd Party – like SquaredUp

Benefits



THANK YOU

Sameer Mhaisekar

Developer Advocate @SquaredUp |
Microsoft MVP



Session Feedback

Session Track: Azure

Session Name: Observability with Azure

Experts Live KE 2024 Attendee
Feedback



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