

Monitoring Anomalies in Experimentation Platform

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Experimentation

- •1500+ experiments
- •Process 100s of TBs of data daily over Hadoop.
- •200+ metrics generated daily.
- •Built using Scala, Scoobi, Hive, Teradata, MicroStrategy, InfluxDB & Grafana.

Anomalies

- Traffic corruption GUID/UID.
- Tag corruption Data loss/corrupted during logging & transfer to HDFS.
- •GUID Reset Browser cookie.
- Cache refresh eBay application servers maintain caches of experiment configurations. A software or hardware glitch



Monitoring Anomalies

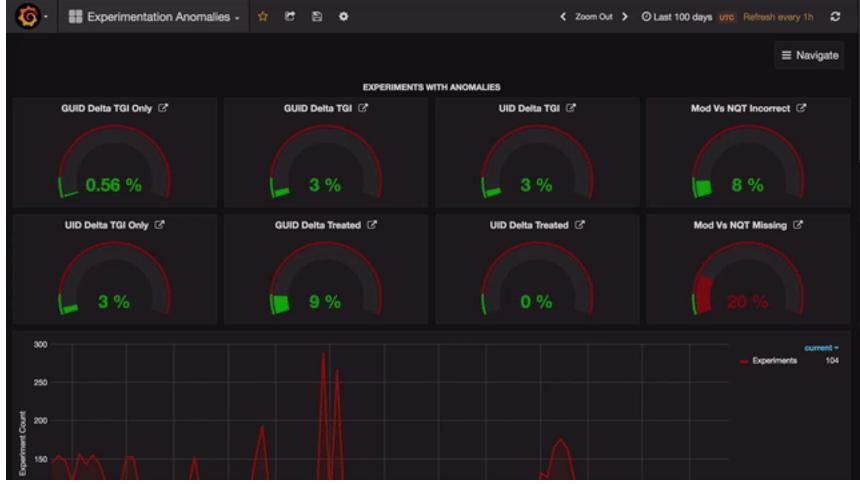
• Identify & Categorize anomalies within experiments using Teradata/Hive.

• Store identified anomalies in HDFS and route to InfluxDB (TSDB)

•Visualize using Grafana.

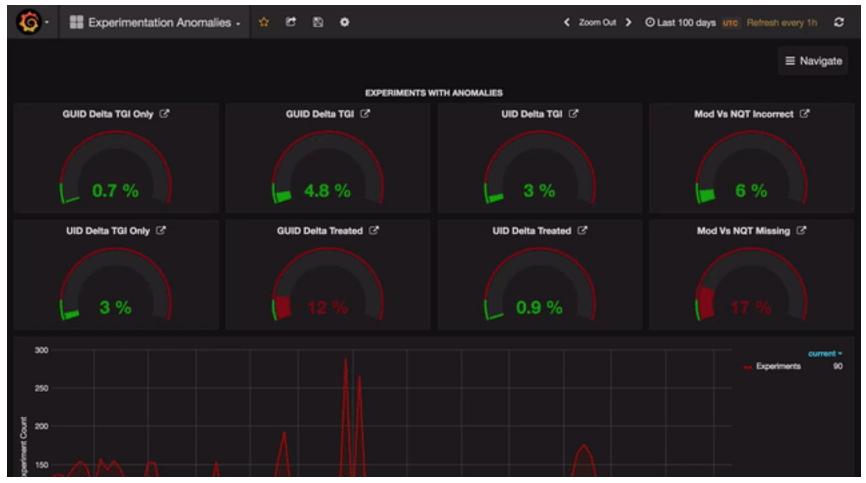


Home Page



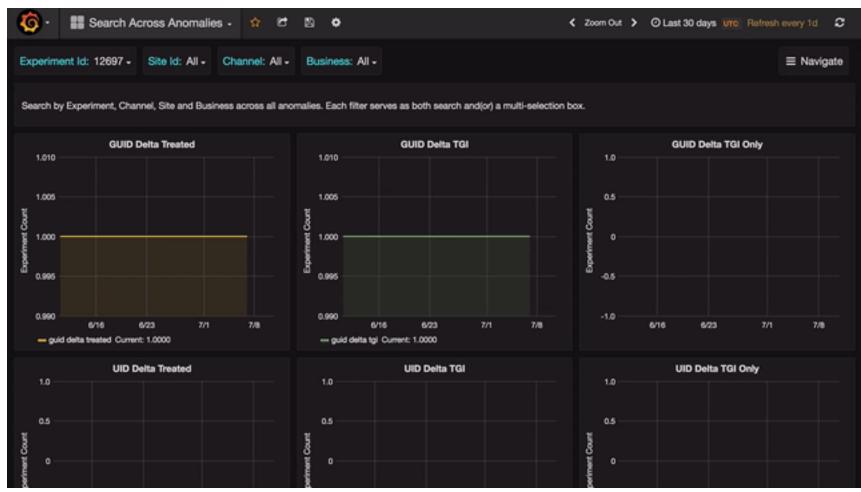


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Questions ?

