




















This week, I investigated how Grafana works and how we could implement this with our models. I do not have much experience with UIs relating to displaying data, so I wanted to look into what we would have to code to make this work.

Just by looking at the Grafana GitHub, I could see that it's a great way to display and monitor metrics. I believe the dashboard would allow us to adjust the settings, which could be useful in changing datasets, ranges, models and methods.

Grafana offers multiple products, so our first task would be to decide what we would want to see on the UI. Something I think we would have trouble with is implementing natural language processing and making it accessible to the user. We may want to look into using a different UI for the user input. We would also need to decide how we want to ask for input (in a certain format or natural language).

For next week, I would want to see how Grafana communicates with the backend of our application.

LGTM+ STACK	KEY CAPABILITIES	OBSERVABILITY SOLUTIONS	TESTING	IRM	DEPLOY THE STACK
 <b>Logs</b> powered by Grafana Loki	 <b>AI/ML insights</b> Identify anomalies and reduce toil	 <b>Frontend Observability</b> Gain real user monitoring insights	 <b>Performance &amp; load testing</b> powered by Grafana k6	 <b>OnCall</b> Observability native incident response	 <b>Grafana Cloud</b> Fully managed
 <b>Grafana</b> for visualization	 <b>Contextual root cause analysis</b> Automated anomaly correlation	 <b>Application Observability</b> Monitor application performance	 <b>Synthetic Monitoring</b> powered by Grafana k6	 <b>Incident</b> Observability native incident management	 <b>Grafana Enterprise</b> Self-managed
 <b>Traces</b> powered by Grafana Tempo	 <b>SLO management</b> Create SLOs and error budget alerts	 <b>Infrastructure observability</b> Ensure infrastructure health and performance			
 <b>Metrics</b> powered by Grafana Mimir and Prometheus	 <b>Alerting</b> Trigger alerts from any data source				
 <b>Profiles</b> powered by Grafana Pyroscope	 <b>Plugins</b> Connect Grafana to data sources, apps, and more				