This week I looked further into incorporating UI design applications for our project. Previously i was looking into Tkinker and Gradio, but it seems like the group is fixing on using Grafana. Like the other applications, Grafana can build charts, graphs, and dashboards of data we want to visualize. The image below is a general outline of how Grafana interacts with the data producer and data source, allowing users to create their own graphs and visuals. The two main categories of data visualized in Grafana are metrics and logs, and some examples include CPU, memory usage, and then time stamp/logging error respectively. It also involves a time-series database, which is important for our standards as our project is primarily focused on this. Overall, the key take aways are that Grafana would be a great project to begin creating UI on for our project as it is centered around visualizing datat through time-series. 