1. **What is Grafana**

*Grafana is an open source tool for performing data analytics, retrieving metrics that make sense of large amounts of data, and monitoring our apps using nice configurable dashboards.*

*Grafana connects with every possible data source, commonly referred to as databases such as Graphite, Prometheus, Influx DB, ElasticSearch, MySQL, PostgreSQL etc.*

*The tool helps us study, analyse & monitor data over a period of time, technically called time series analytics.*

*It helps us track the user behaviour, application behaviour, frequency of errors popping up in production or a pre-prod environment, type of errors popping up & the contextual scenarios by providing relative data.*

*A big upside of the project is it can be deployed on-prem by organizations which do not want their data to be streamed over to a vendor cloud for security & other reasons.*

**2. What Are the Features Offered by Grafana?**

*This open-source framework takes care of all the analytics of our app. We can easily query, visualize, set up alerts, understand the data with the help of metrics.*

*The dashboard is pretty equipped, & continually evolving, to make sense of complex data. From displaying graphs to heatmaps, histograms, Geo maps.*