**Otelathon Task Writeup by team TBD ☺**

1. This task attempts to create a new data collector for the MariaDB database, which is MySQL based distribution from Percona.
2. Setup –
   1. The MariaDB database is hosted inside a docker container on fyre provisioned Ubuntu 22.04 VM.
   2. The docker container hosting the MariaDB database was launched as follows --  
      docker run --name mariadbtest -e MYSQL\_ROOT\_PASSWORD=mypass -p 3306:3306 --mount type=bind,src=/etc/mysql/my.cnf,dst=/etc/mysql/my.cnf -d docker.io/library/mariadb:10.4
   3. Changes were made to the MariaDB configuration file /etc/mysql/my.cnf to enable collection of performance and metrics data. Hence this file is passed as a parameter while launching the container
3. The agent being used is the shared agent deployed on <http://9.46.65.155:4318/v1/metrics>
4. The code changes were done on local dev environment on my MacBook.
5. The metrics getting published can be viewed on the following link --  
   https://dev-otelathon.instana.io/#/physical/dashboard;pinnedMetrics=!~?timeline.ws=499000&timeline.to&timeline.fm&timeline.ar=true&snapshotId=31ypw8EmYsYx5gnCjstt3qA4k2I