**Elastic Lab Assignment**  Duration**: 4 days**

**Objective:**

To install and configure Elastic Stack in one machine and load sample data from given weblog file. Visualize this data on Kibana and build sample visualizations, dashboard and Advanced watcher.

**Activity:**

* Install Elasticsearch 7.X.X with rpm based installation along with dependencies on linux Operating system.
* Configure Elasticsearch for given optimal performance.
* Install Kibana on same server and start the services.
* Make sure your Kibana server is connected to installed elasticsearch server locally and kibana url accessible on public ip.
* Install Logstash on same box.
* Create logstash configuration file and load given weblog.csv file through logstash
* Build index in elasticsearch from this log file data.
* Build sample visualization / dashboard for given data.
* Apply X-Pack security and make elastic stack secure (optional).

**Expected Result:**

1. Screenshot of search from discover with total records count.
2. Screenshot Sample Dashboard.
3. Watcher script file
4. Logstash .conf file written for data ingestion.

**OR**

Need to give live demo by screen sharing in Google meet at the time of interview.