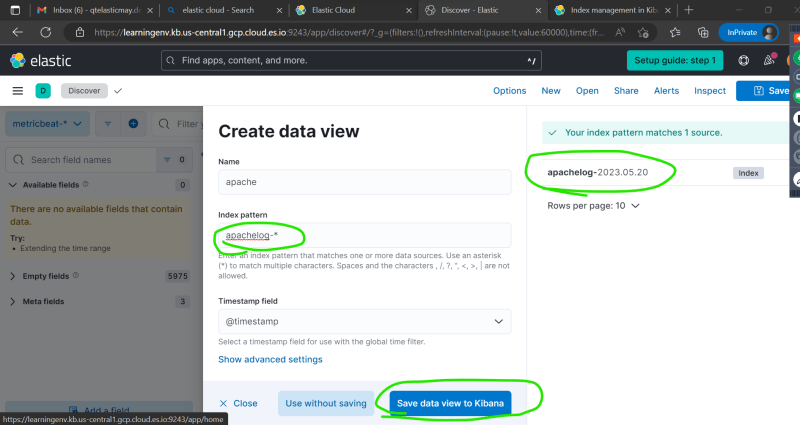
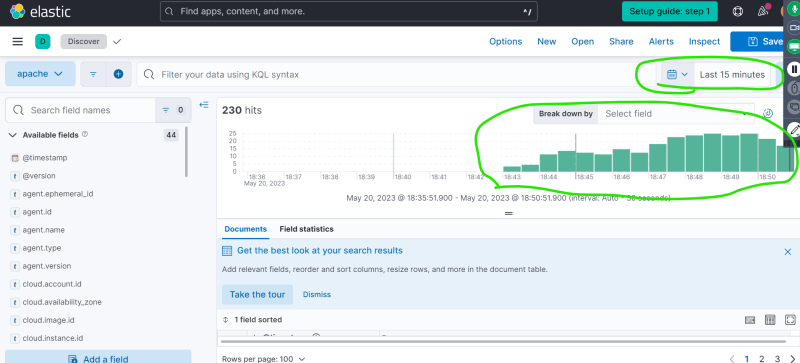
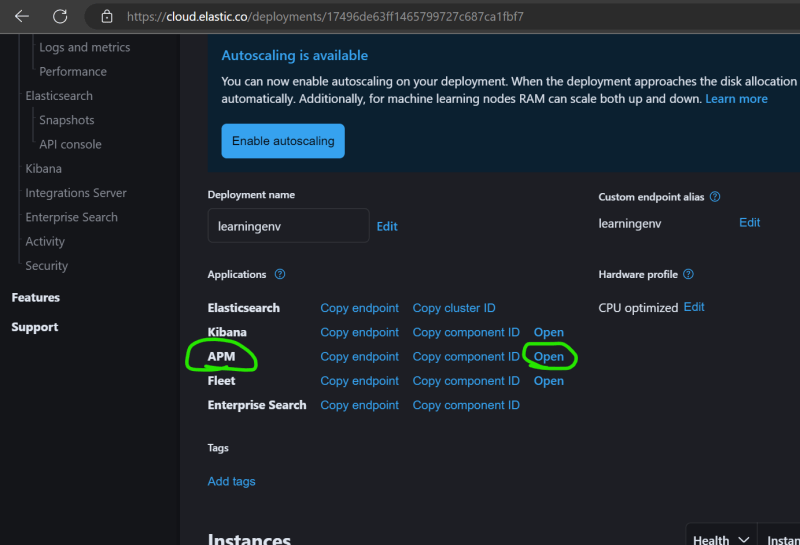
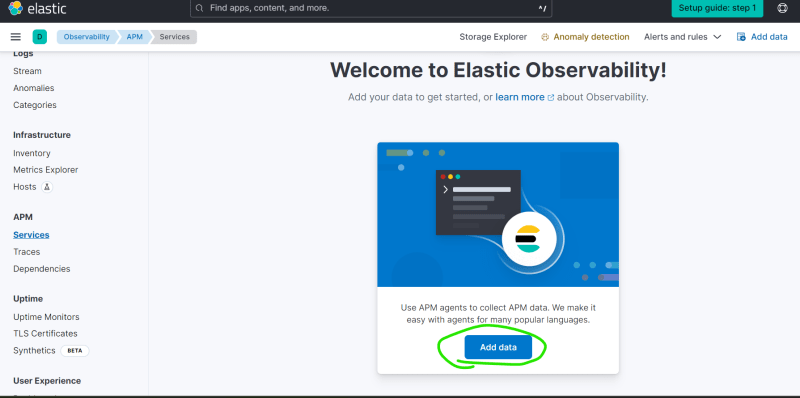
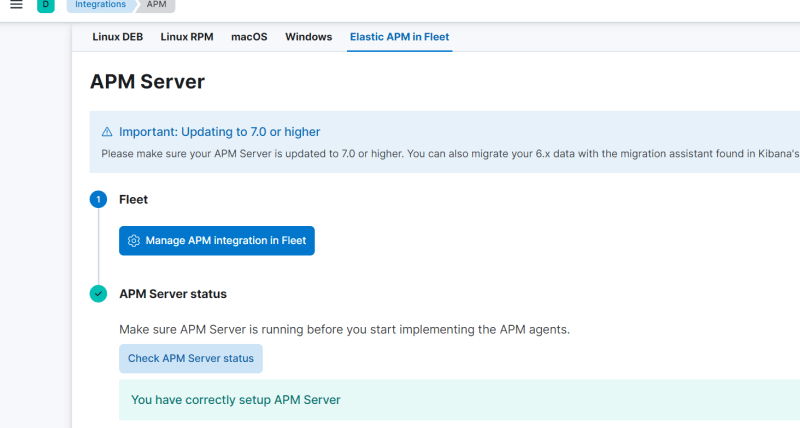
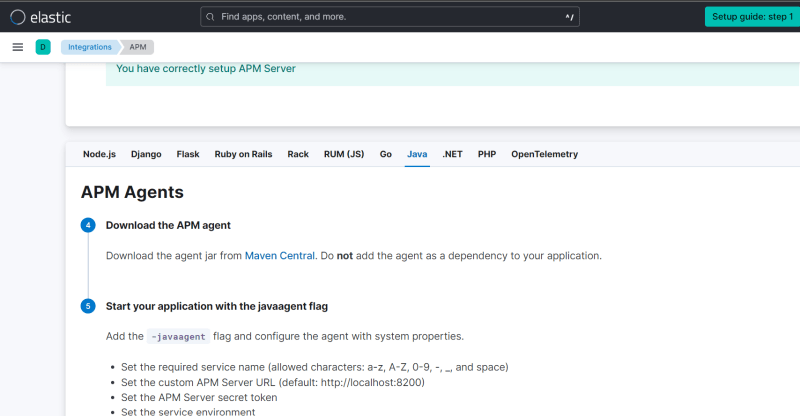
**Fixing logstash issue with elastic cloud**

* We had issue with pipeline id. removed the pipeline field
* restarted all the services and executing requests from a script
* so filebeat reads the logs and sends to logstash, logstash breaks the message into multiple fields and stores in elastic search with index name apachelog-\*
* Now create a data view from kibana  
    
  
* Watch the classroom video for visualizations
* We were able to search logs by writing simple queries and create pie charts, line charts, metric etc

**Lets trace some java application**

* Installing sample application
  + openjdk 11  
    sudo apt update  
    sudo apt install openjdk-11-jdk -y
  + download the jar file <https://referenceapplicationskhaja.s3.us-west-2.amazonaws.com/spring-petclinic-2.4.2.jar>
* Open APM  
    
    
  
* Java app tracing  
  
* Download apm-agent jar wget https://oss.sonatype.org/service/local/repositories/releases/content/co/elastic/apm/elastic-apm-agent/1.38.0/elastic-apm-agent-1.38.0.jar
* We have run the app with following args

java -javaagent:elastic-apm-agent-1.38.0.jar \

-Delastic.apm.service\_name=pet-clinic \

-Delastic.apm.secret\_token=uu0Dl9Q09RFfMdq86p \

-Delastic.apm.server\_url=https://eff6e04ad9d6425fa3492b1a56f794a3.apm.us-central1.gcp.cloud.es.io:443 \

-Delastic.apm.environment=dev \

-Delastic.apm.application\_packages=org.spring \

-jar spring-petclinic-2.4.2.jar

* Use the application and launch apm  
  