1.Run Docker Container:

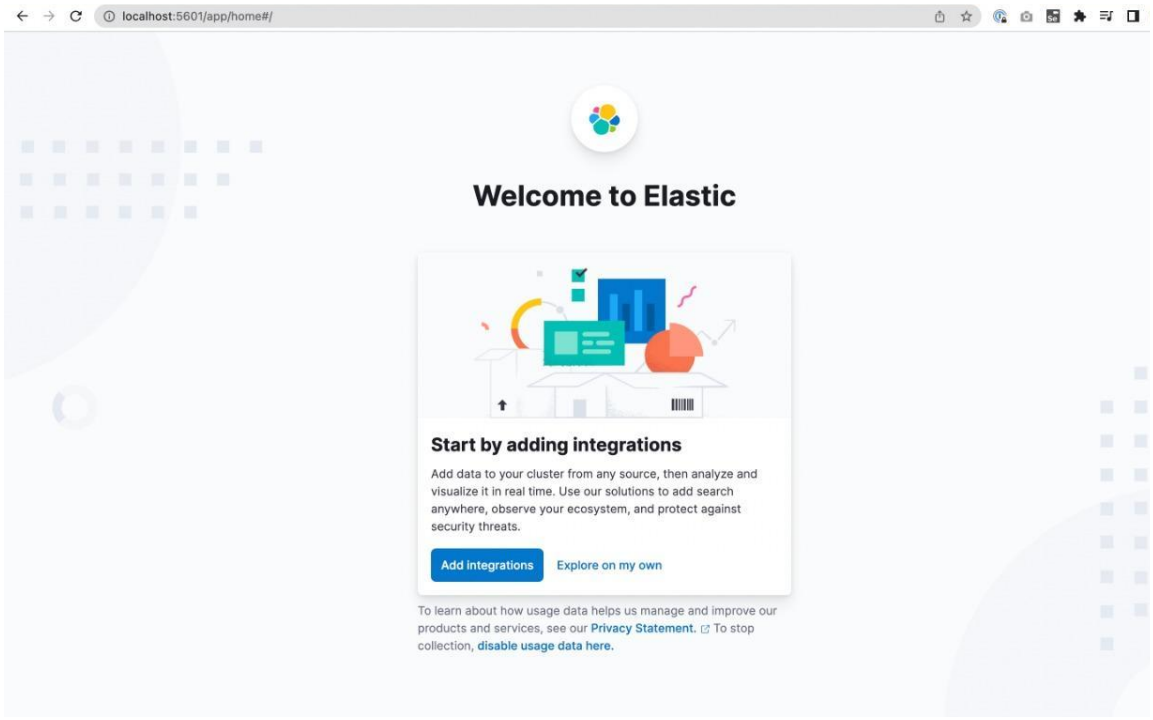
2.Creating yml and log files:

```
ip-172-31-27-237:~$ mkdir elk
ip-172-31-27-237:~$ cd elk
ip-172-31-27-237:~/elk$ ls
ip-172-31-27-237:~/elk$ mkdir logstash
ip-172-31-27-237:~/elk$ ls

ip-172-31-27-237:~/elk$ cd logstash
ip-172-31-27-237:~/elk/logstash$ ls
ip-172-31-27-237:~/elk/logstash$ vi logstash.conf
ip-172-31-27-237:~/elk/logstash$ ls

ip-172-31-27-237:~/elk/logstash$ pwd
hirmp/elk/logstash
ip-172-31-27-237:~/elk/logstash$ cd ..
ip-172-31-27-237:~/elk$ ls

ip-172-31-27-237:~/elk$ vi docker-compose.yml
ip-172-31-27-237:~/elk$ ls
ml  logstash
ip-172-31-27-237:~/elk$ cd ~
ip-172-31-27-237:~$ pwd
hirmp
ip-172-31-27-237:~$ mkdir temp
ip-172-31-27-237:~$ cd temp
ip-172-31-27-237:~/temp$ ls
ip-172-31-27-237:~/temp$ vi inlog.log
ip-172-31-27-237:~/temp$
```

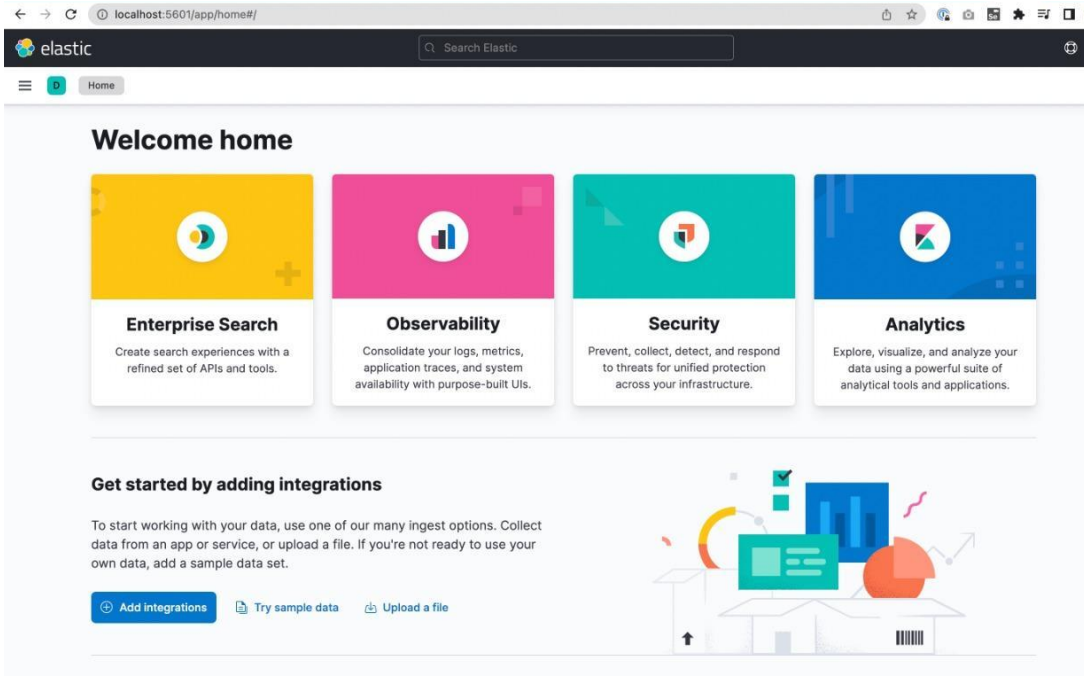
```
ip-172-31-27-237:~/elk/logstash$ vi logstash.conf
ip-172-31-27-237:~/elk/logstash$ ls

ip-172-31-27-237:~/elk/logstash$ pwd
hirmp/elk/logstash
ip-172-31-27-237:~/elk/logstash$ cd ..
ip-172-31-27-237:~/elk$ ls

ip-172-31-27-237:~/elk$ vi docker-compose.yml
ip-172-31-27-237:~/elk$ ls
ml  logstash
ip-172-31-27-237:~/elk$ cd ~
ip-172-31-27-237:~$ pwd
hirmp
ip-172-31-27-237:~$ mkdir temp
ip-172-31-27-237:~$ cd temp
ip-172-31-27-237:~/temp$ ls
ip-172-31-27-237:~/temp$ vi inlog.log
ip-172-31-27-237:~/temp$ cd ..
ip-172-31-27-237:~$ ls
elk     Documents  elk    Pictures  temp       thinclient_drives
python  Downloads  Music  Public    Templates  Videos
ip-172-31-27-237:~$ cd elk
ip-172-31-27-237:~/elk$ ls
ml  logstash
ip-172-31-27-237:~/elk$ docker-compose up -d
ker-compose' is currently not installed. To run 'docker-compose' please ask your administrator to install the package
```

3.Installing ELK Stacks:

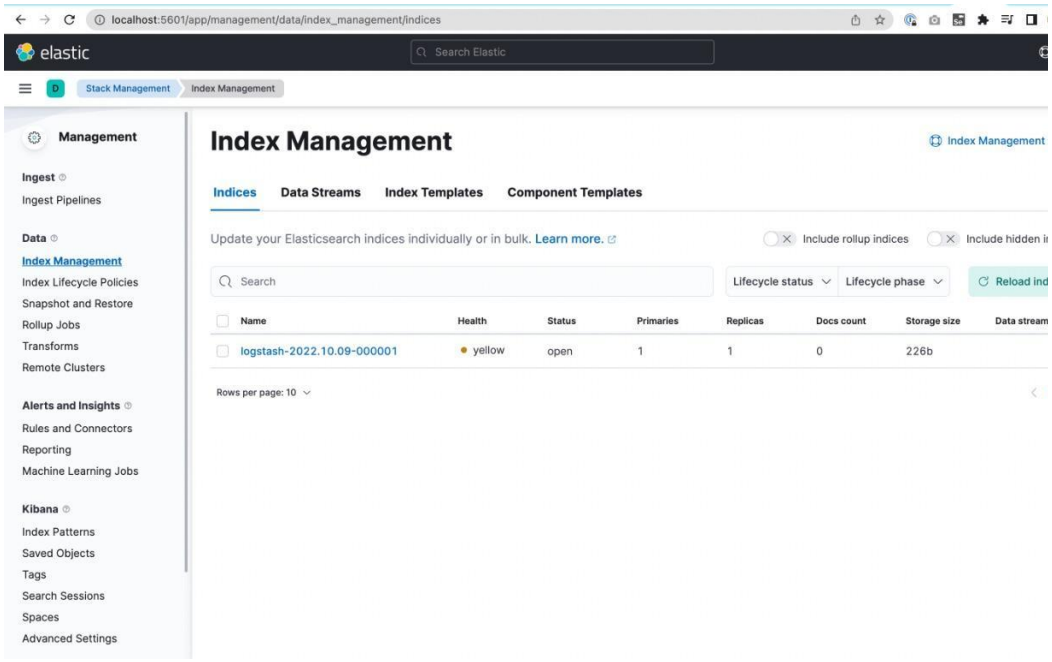
4.Run Localhost:5601 to connect with Elastic:



5.Explore the Integrations:



6.Index Management:



7Check Status of log file: