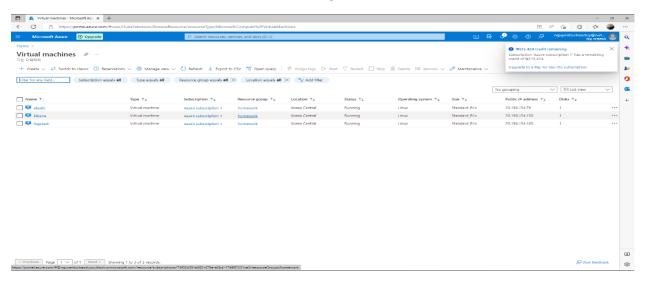
SW education

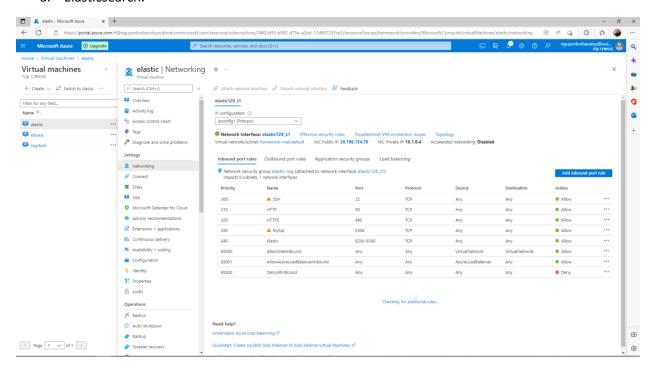
Homework Report

Notice: The data using in this report come from the data.go.kr which is called "동물보호관리시스템 -유기동물 조회 서비스"

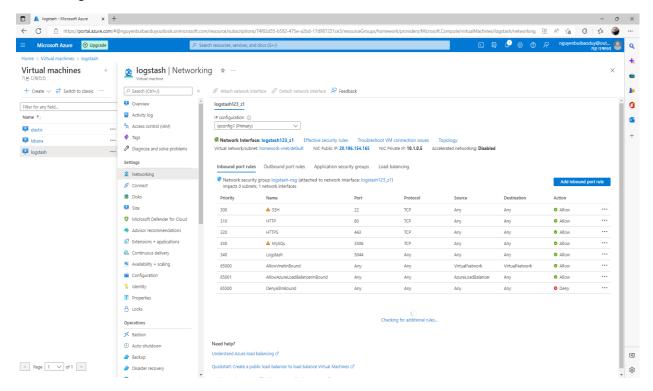
1. Create 3 virtual machine server for elastic, Logstash and Kibana:



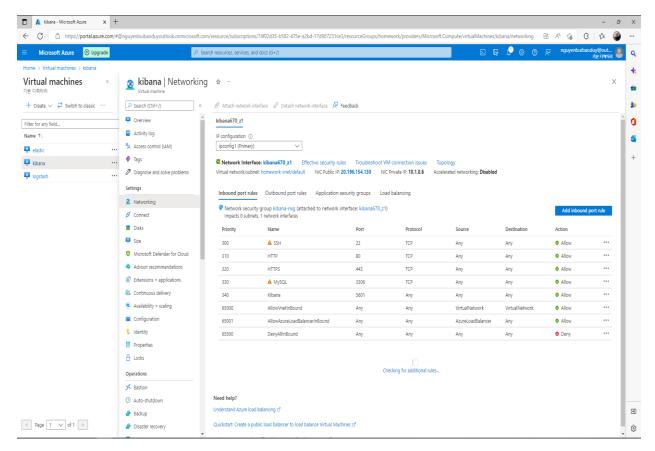
- 2. Create networking for 3 servers:
- a. Elasticsearch:



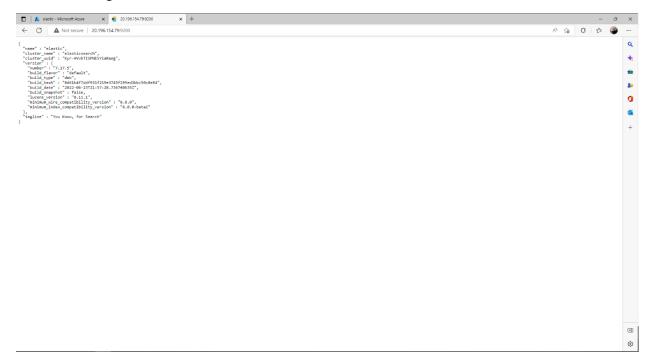
b. Logstash:



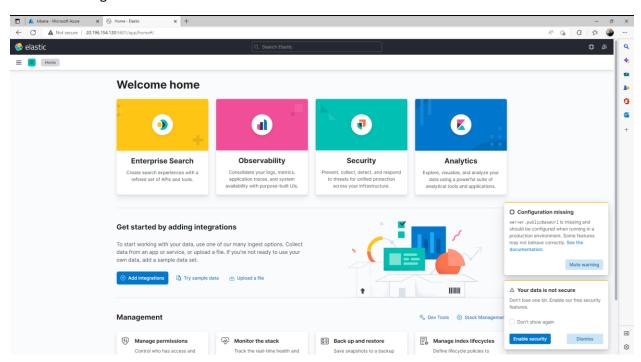
c. Kibana:



3. Running server elastic:

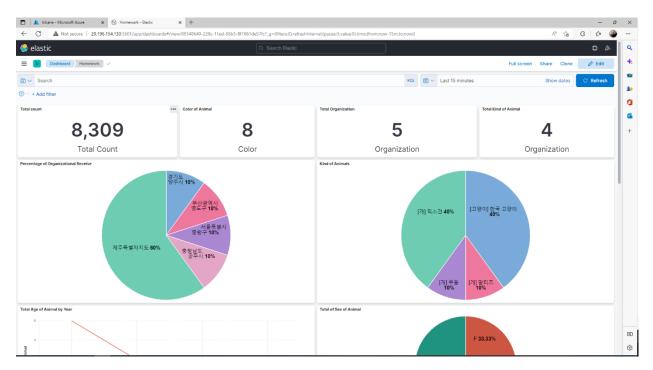


4. Running server Kibana:

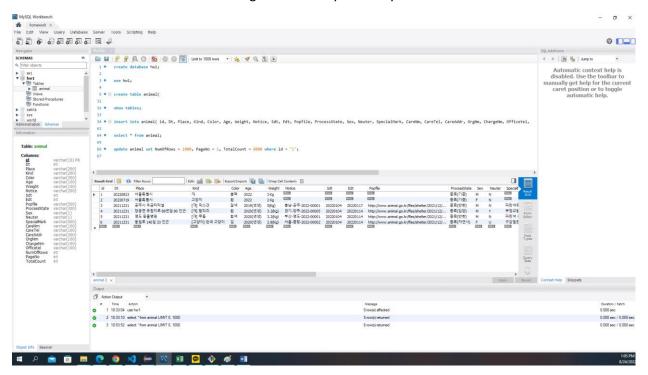


5. Create dashboard on server Kibana: using data download from data.go.kr

Link: http://20.196.154.130:5601/goto/4a48ac70-2361-11ed-88b5-8f1061de57fc



6. Create a database based on data download on data.go.kr: using MySQL to create the same structure which data from data.go.kr but in my own way



7. Connect download database from data.go.kr:

```
| Particle constitution | Control of the Control of
```

8. Connect database on MySQL to Java code:

```
| Participation | Participatio
```

- 9. Using Java to insert, delete and update to database:
- Insert:

```
| The properties of the proper
```

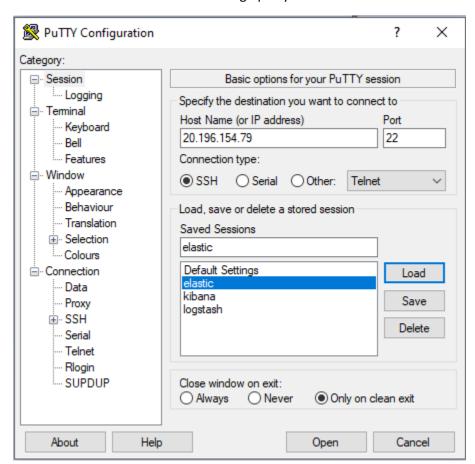
Delete:

```
Solidance referendance throughts Search Proper Search Prop
```

Update:

```
| Column | C
```

10. Connect to azure server through putty:



Follow the book exercise with air_mapping.json file:

```
duy@elastic: ~/upload
                                    \times
}
```