Hash Agile Technology – Round 2

- 1. Read about Elasticsearch: Getting Started with Elasticsearch.
- 2. Install Elasticsearch on your local machine.
- 3. Create an index (collection) in Elasticsearch.
- 4. Index the Employee data from https://www.kaggle.com/datasets/williamlucas0/employee-sample-data

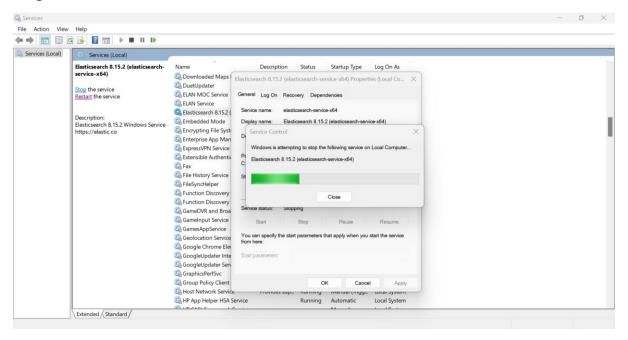
Solution Screenshot:

Step 1: Install necessary packages such as pandas, Elastic search etc.,

```
| 1 pip install pandas | 2.2.3-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311-cp311
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Step 2: Download and connect the docker

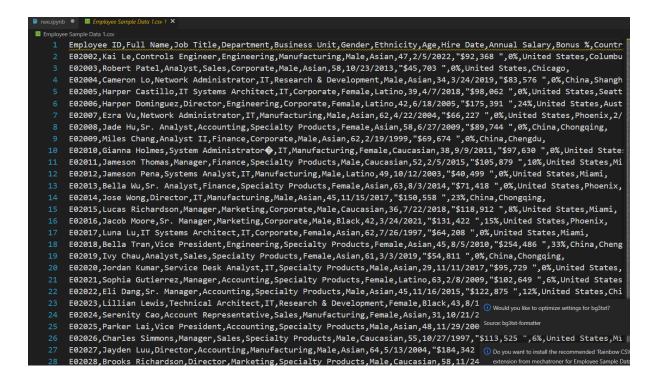
Step 3: Start the Elasticsearch.bat

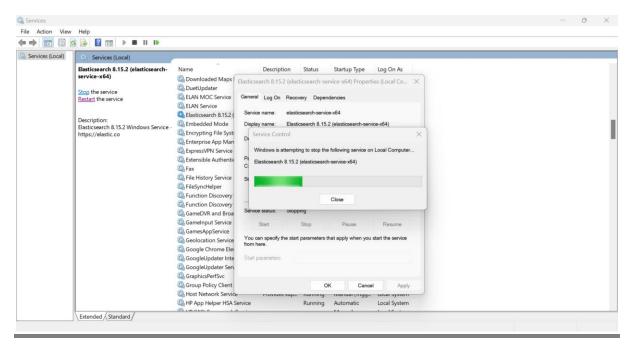


Step 4: Provide indices to the data set and upload the data set into VS code and also connect to the elastic search localhost:9200

```
| 1 | from elasticsearch import Elasticsearch | 2 | 3 | ss = Elasticsearch ("http://localhost:9200") | 4 | ss. info().body | 5 | ss.
```

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□ 5.643914
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Name: Viswanathan R

College: Dr.Mahalingam College of Engineering and Technology, Pollachi.

Department: Artificial Intelligence and Data Science

Mail Id: viswanathan092003@gmail.com