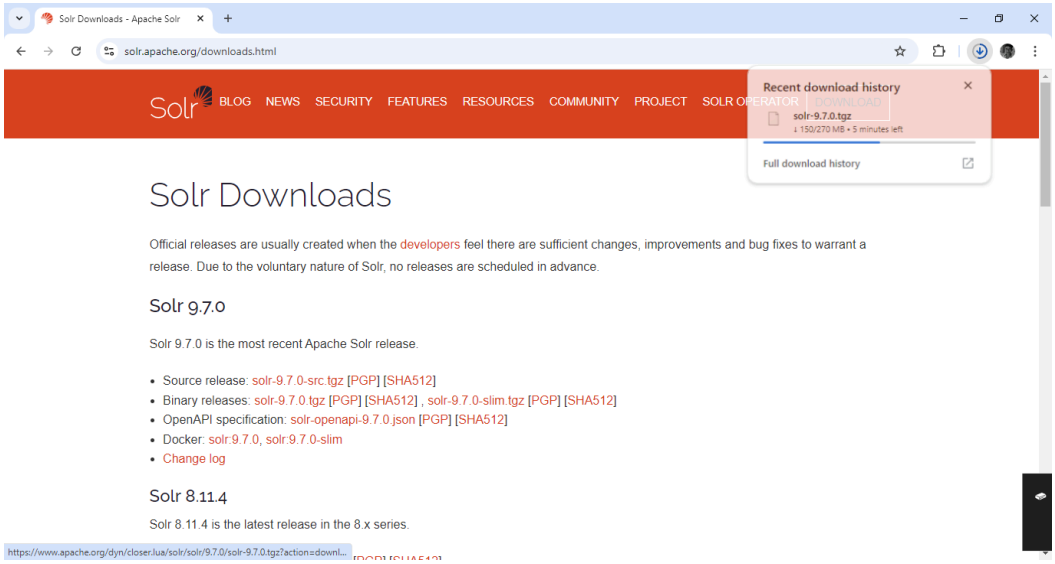
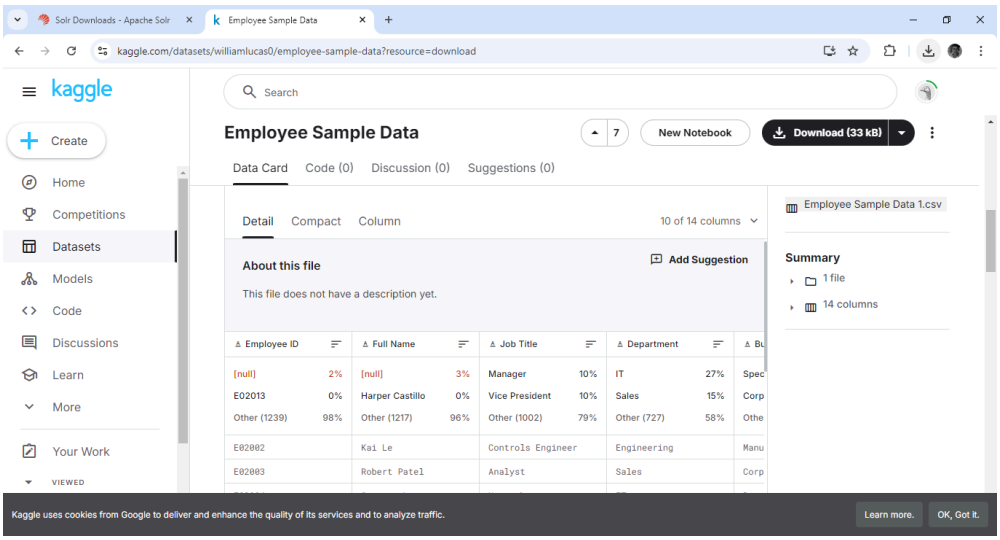
Tasks:

1.Read the Apache Solra.
2.Install Solra on your local machine.
3.Create a collection in Solra.
4.Index the Employee data from Kaggle datasets.

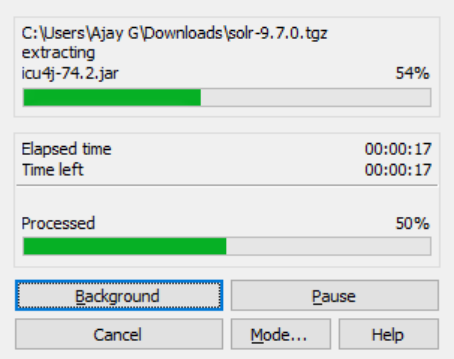
Step 1: Install Apache Solra on local computer



Download the Kaggle Datasets



Extract the Downloaded Solr.tgz

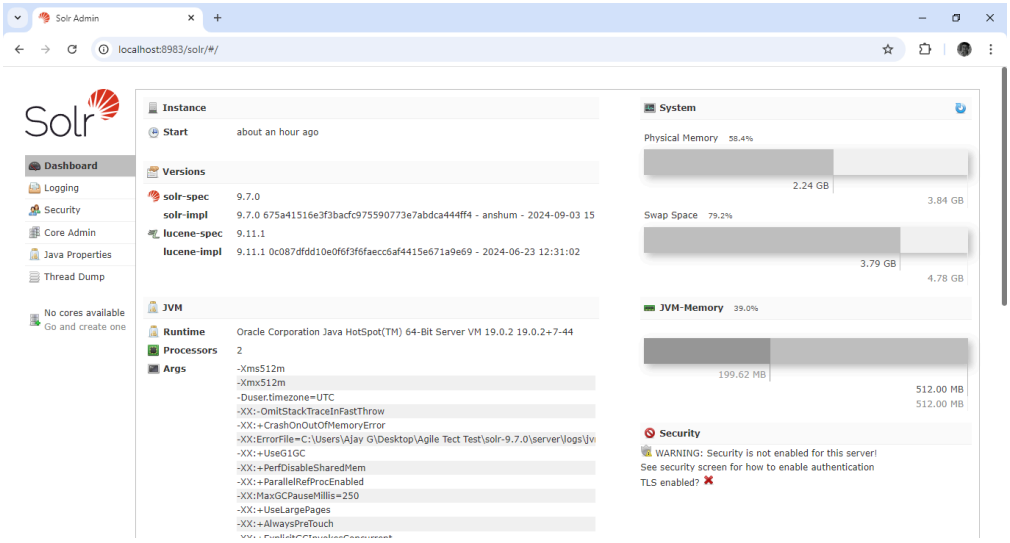


Run the Apache Solra using below commands:

- Solra.cmd start

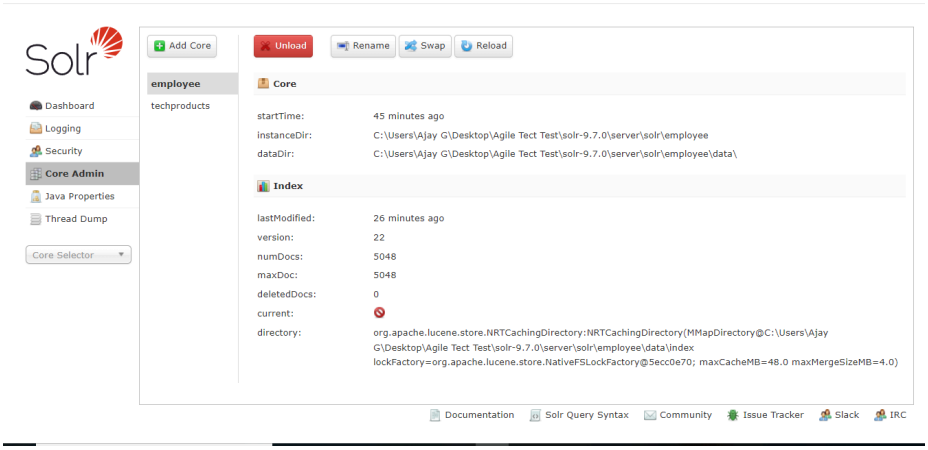
```
Microsoft Windows [Version 10.0.16299.1087]
(c) 2017 Microsoft Corporation. All rights reserved.

C:\Users\Ajay G\Desktop\Agile Tect Test\solr-9.7.0\bin>solr.cmd start
Java 19 detected. Enabled workaround for SOLR-16463
Java HotSpot(TM) 64-Bit Server VM warning: JVM cannot use large page memory because it does not have enough privilege to
 lock pages in memory.
WARNING: A command line option has enabled the Security Manager
WARNING: The Security Manager is deprecated and will be removed in a future release
Failed to parse command-line arguments due to: Unrecognized option: --max-wait-secs

usage: bin/solr status [-maxWaitSecs <SECS>] [--solr-url <URL>]

List of options:
 -maxWaitSecs <SECS>   Wait up to the specified number of seconds to see Solr running.
    --solr-url <URL>   Address of the Solr Web application, defaults to: http://localhost:8983.

Please see the Reference Guide for more tools documentation:
https://solr.apache.org/guide/solr/latest/deployment-guide/solr-control-script-reference.html

ERROR: Solr did not start or was not reachable. Check the logs for errors.


C:\Users\Ajay G\Desktop\Agile Tect Test\solr-9.7.0\bin>
```

Verify Solra is running by chrome localhost:8983

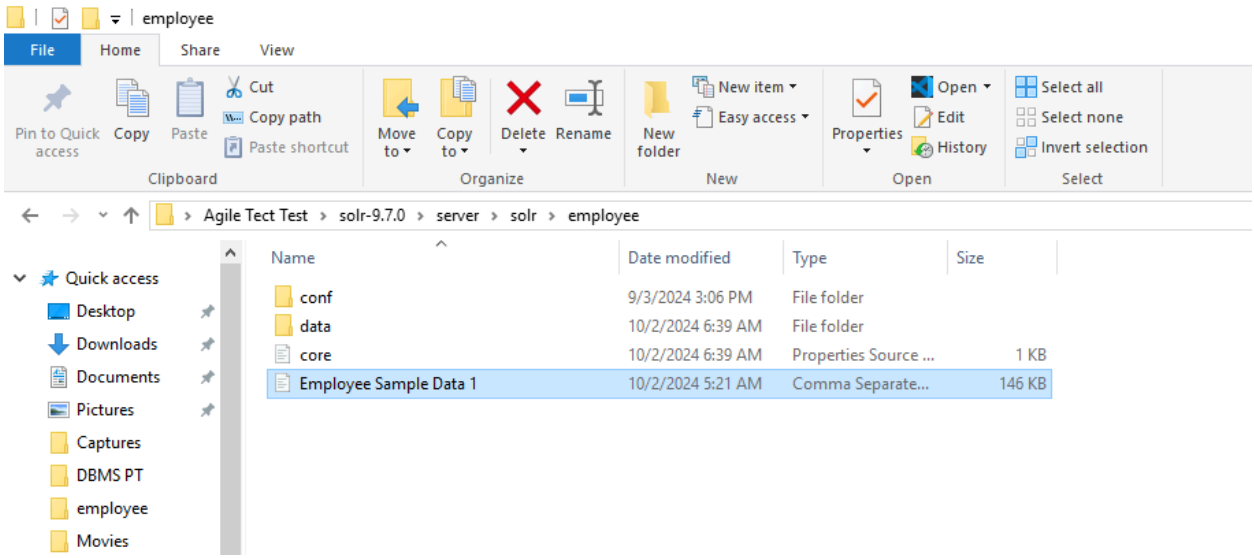


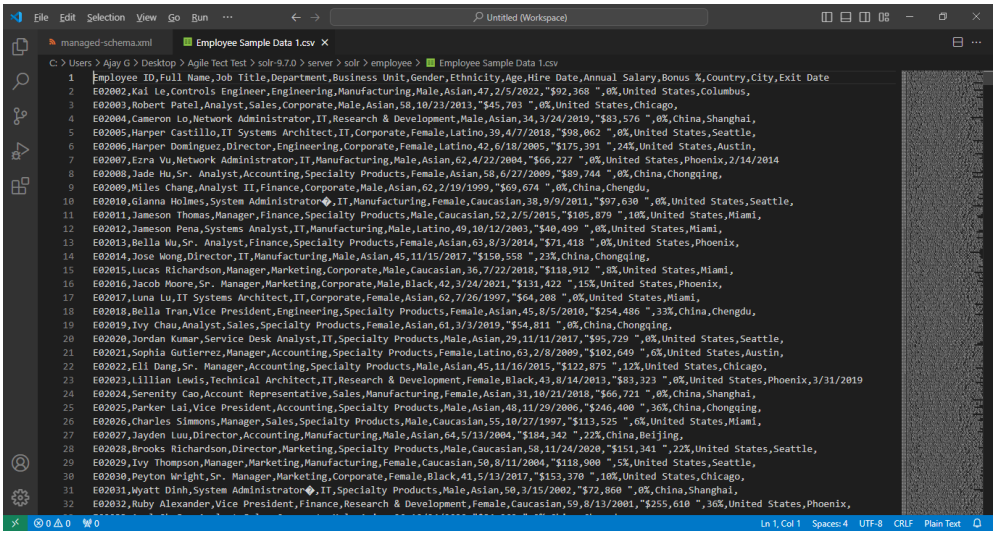
Create new Collection in Solra

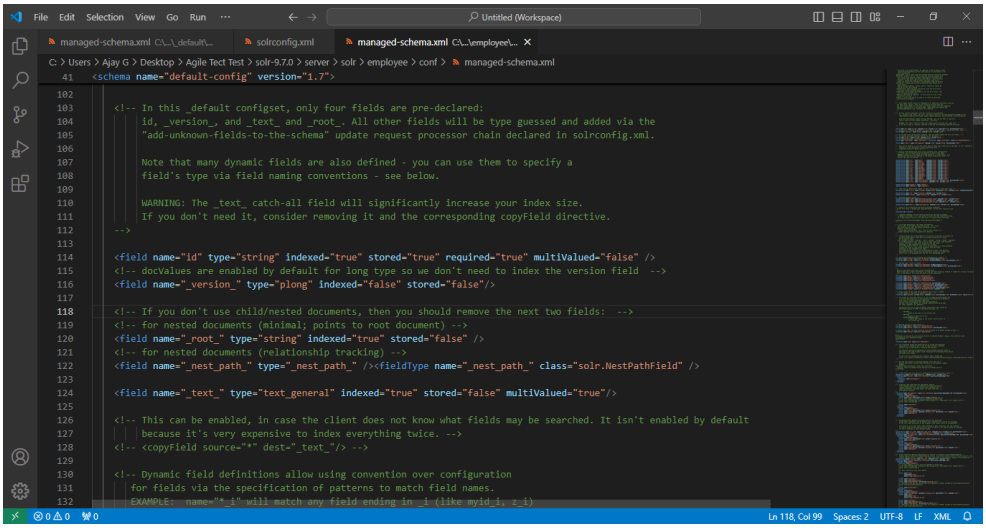
I created an employee Collection using **bin\solra.cmd create -c employee**

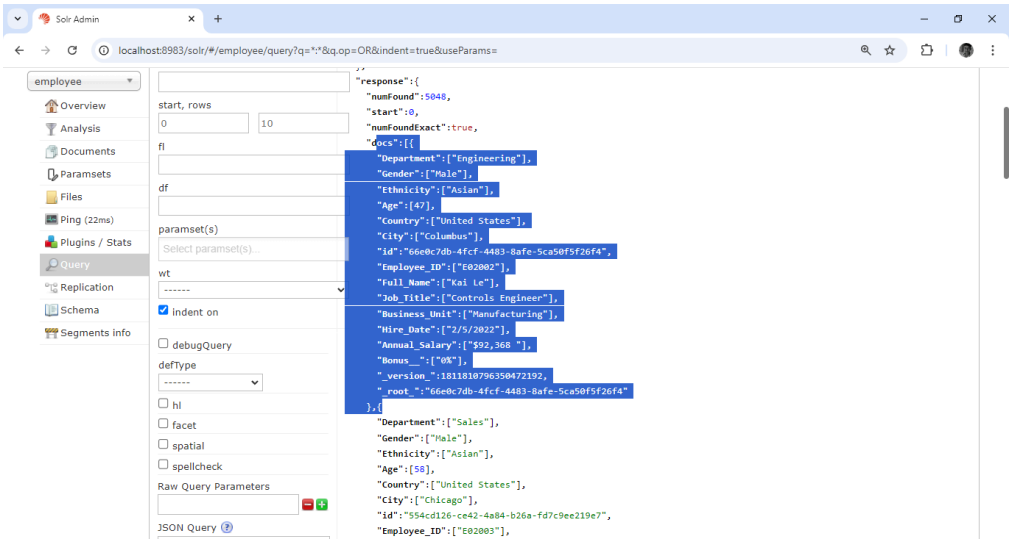
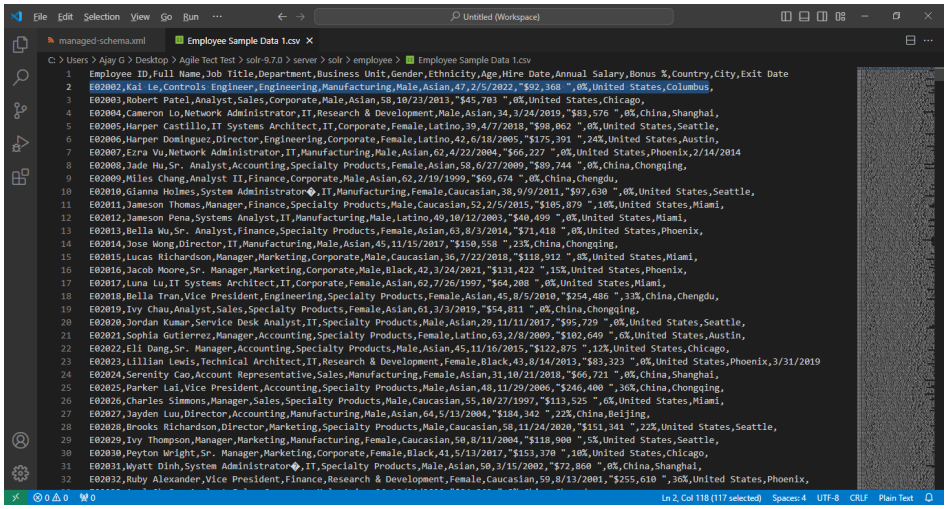


Index the Employee Data from kaggle:







Verify the Indexed data from dataset:

Using the Query "."