MyDukan Data Analytics Engineer Assignment Question:

Notes:

1. Both assignment parts should be completed and provided as specified under delivery
2. Feel free to add any number of assumptions based on the question statement, but please specify these as part of the README.md file.

[ASSIGNMENT01 - PART01]

Scope:

The scope of the assignemnt is to write a script add data to a MySQL based backend database.

Please note:

[INFO]

1. Attached is the excel sheet from which data should be scraped and added to the the mysql database.
2. Excel sheet name: beginner_assignment01
3. Excel sheet link: https://docs.google.com/spreadsheets/d/1cnPUhCbUm5p3DMWw6wcSu4li7qChBrhd-UyRkW2RSUg/edit?usp=sharing

[ACTION]

1. Write a script in any language to read the data given in the excel sheet and add this to the mysql database.
   a. Feel free to use any mysql instance (cloud/local)
   b. The database schema should be defined based on the excel sheet given

[DELIVERY]

3. Following items should be delivered once completed as github repo link:
   a. The script code (documented and commented)
   b. The database schema

[ASSIGNMENT01 - PART02]

Scope:

The scope of the assignment is to write a script add data Elastic Search based Backend database. Please note:

[INFO]

1. Attached is the excel sheet from which data should be scraped and added to the the ES database.
2. Excel sheet name: beginner_assignment01
3. Excel sheet link: https://docs.google.com/spreadsheets/d/1cnPUhCbUm5p3DMWw6wcSu4li7qChBrhd-UyRkW2RSUg/edit?usp=sharing
4. Elastic Search endpoint: http://101.53.136.181:9200/
5. Kibana endpoint: http://101.53.136.181:5601/

[ACTION]

1. Write a script in any language to read the data given in the excel sheet and add this to the Elastic Search database.
   a. Use the ES endpoint given above and create an index of your own
   b. The index mapping should be defined based on the excel sheet given
   c. All ES changes should be done within your index and on the given ES cluster only.

[DELIVERY]

3. Following items should be delivered once completed as github repo link:
   a. The script code (documented and commented)
   b. The index mapping