

## D2K PS 2

### Problem Statement:

Let's assume a situation, you have a customer that is looking for quotes from a data scientist. They want to have a new quote every week for the next few months. They've tasked you with the job to present them with inspirational quotes and their respective authors.

### SUB-TASK 1:

Scrap the website and extract quotes and the author of each quote.


<https://www.kdnuggets.com/2017/05/42-essential-quotes-data-science-thought-leaders.html>

<https://www.analytixlabs.co.in/blog/40-best-artificial-intelligence-quotes/>

<https://www.scuba.io/blog/48-analytics-quotes-experts>

<https://datasemantics.co/36-inspirational-quotes-on-big-data-machine-learning-and-artificial-intelligence/>

Try to create a dataset of at least 150-200 quotes.



You can use any other website to scrap quotes data but make sure it is in the domain of AI/ML, data science, NLP and deep learning.

#### SUB-TASK 2:

Generate the dataset by scrapping the dataset from the above links with the fields such as:

- Quote ID
- Quotes
- Author
- Category

You can add more fields of your choice. Train a recommender system model with the above dataset based on user preference.

#### SUB-TASK 3:

Rank the top-5 quotes. Also, train the model based on the user's mouse clicks and preferences at the end of each day.