

# Knowledge Graph

## Task Description

Build a knowledge graph from the text scrapped from [Onlinekhabar](#) articles. Add functionality to get answer for the given question from the graph.

## Steps

1. Scrape text data from some selected articles from above link. You can use beautiful soup, newspaper or any data scraping libraries.
2. Process text for sentences and apply necessary NLP processings. You can use nltk, spacy or any NLP libraries.
3. Extract the subject, object and relationship from each sentences. Extracting entities with modifiers is a plus point.
4. Build a directed graph from the above data with entities as a node and relationships as an edge. Label each node and edge with corresponding texts. You can use networkx, arangedb, neo4j or any graph/network library.
5. Save the graph db.
6. Get an answer to the given question. Question sentence should be in natural language, follow the necessary steps to get the answer from the graph db.

## Notes

- You can use any preferred language.
- Create a github repo and push codes and share.

Time: 3 days