Sample Project: Mining Accident Reports

Project Objective

Employers are required to report any serious work-related injuries and death to the authority. This information helps employers, workers and the authority to evaluate the safety of a workplace, understand industry hazards, and implement worker protections to reduce and eliminate hazards.

In this project, we would like to perform text mining on the accident reports to help find answers to the following questions:

1. What are the major types of accidents reflected in the reports?

2. Which type of accidents are more common?

3. Can we find out the more risky occupations in such accidents?

4. Which part of the body is injured most?

Data

The dataset will be collected from a website(www.osha.gov). A sample document is shown here:
https://www.osha.gov/pls/imis/accidentsearch.accident_detail?id=14197602

Submission deadline: before 9am, 22/10/2018 (Monday)

You need to submit into your IVLE team folder:

- A project report
- The dataset
- Your source codes
- Other supporting documents (if any)