Implementation of a deviation text analysis platform

Lundbeck has been producing medicine for 70 years, which is a production requiring meticulous documentation. When something unforeseen occurs during the production process, the documentation is stored in a regulated system, SAP, which does not currently have a search function. The implementation of such a function would greatly improve the process of finding deviations, using text analysis and cluster analysis to see which deviations are re-occurring, and comparing the different deviations.

Engineering challenges to be solved

In such a regulated industry, it is important to always find and fix the root-cause of a problem in production. As Lundbeck produces a lot of products every year it is not easy to figure out if a problem is re-occurring, and if it occurs across departments. By getting a platform that joins the already existing deviation data and enables text searching, text analysis etc. could approximately save around 30 % of all deviations every year.

Engineering backgrounds needed

Data, software, and possibly pharmaceutical engineers.

Goal of the project

To obtain a platform that can collect the already existing deviation data and enable text searching and analysis of that data. This would ensure better quality products and make production smoother.