OBJECTIVE: The aim of the case was to combine two different types of datasets – both to learn more about data analysis and -processing, but also to create a more comprehensive dataset to use when benchmarking similar institutions. The first dataset consisted of data from the Web of Science (WoS) database from three different departments centered on food science (articles and reviews from 2013-2014). The second dataset consisted of the assignment of Leiden Ranking micro-level fields to all articles and reviews in WoS in the period 2006–2016.

METHOD: A Python script merging the two different datasets was created. The WoS accession numbers (UT codes) found in both datasets made it possible to combine the datasets.

The outcome is a more comprehensive dataset exploring and benchmarking the three different FOOD Departments from a more granular perspective - a dataset that is looking beyond the research areas assigned by journal.

RESULT: The new dataset makes it possible to create visualizations that compare the three food departments in a more elaborated way.

Tableau was used to create an interactive dashboard combining the microfields from the Leiden Ranking and different publication information from WoS.

Additionally the dataset was tried out in other types of visualization, such as Word Clouds, to explore the new dataset in context of other visualization tools.

By: Adrian Price (adpr@kb.dk), Anita L. Thiesen (alt@bib.sdu.dk), Nikoline D. Lauridsen (nidl@dtu.dk) and Uffe Smed (ufsm@kb.dk)