Goals

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Goals

This document is about the goals that CEDA strives to achieve.

Mission

CEDA facilitates the analysis of uniform data in tertiary education with the aim of improving the primary process of education

Vision / why

Why data analysis?

Why within Npuls / national?

Data analytics in tertiary education

CEDA facilitates the analysis of uniform data in tertiary education with the aim of improving the primary process of education

- Uniform data is defined as data that is in principle the same in format for all institutions.
    - It doesn't need to be publicly available
    - the actual contents might be institution specific. For instance, the 1CHO 'institution' file is per institution but has the same columns and format for each institution
    - It doesn't need to be the same for all MBO / HBO / WO educational institutions. For instance, Studielink is used for HBO and WO, but not for MBO. Of course, we strive to be complete and facilitate the data analysis of all sectors.
    - It doesn't need to be in use at all educational institutions, but it must be at a lot
        * For instance, if many institutions use a certain tool, this might qualify as well
- Data analytics is hereby understood as the whole process, from preparation (cleaning, validation, enrichment) to analysis (modelling, statistics) to visualisation (dashboards).
- The aim to improve education can be interpreted as rather broad
    - the organisation of education (predictive modelling about student numbers)
    - the policies of education (diagnostic statistics)
    - the content of education (learning analytics)

Subgoals

In order to achieve this goal, CEDA intends to provide the following services: ADD_VISUALS_FROM_PRESEI

- data analytics in a box
    - The goal of these projects is to provide a complete flow from the raw data to an end-user oriented visualisation
- data analytics out of the box
    - The above boxes should be made ready-to-use for other data professionals in higher education
    - Both easy from a technical perspective, as well easy from a practical perspective
- data analytics as a service

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Data analytics in a box