

DaRe

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The Data Science Project to Re-image education (Da.Re.) is part of the Erasmus+ program funded by the European Union. The final goal of this project is to design an innovative study curriculum in Data Science. Each member of the consortium carried out a survey in their own country to know the state of the art of data science according to three main directives: university training paths of all levels, skills sought by companies (Market needs) and new desired skills for facing future challenges (Training needs). The results of the survey show the need, by small and medium-sized enterprises (SMEs), of people skilled in data analysis but also aware of the specific domain in which the companies operate. This is a class of professional not well served by existing educational or training offerings.

The Da.Re. curriculum is intended to shape such a figure who has been called a ‘bridge person’. A bridge between the specific domain of the companies and the capability to analyse data is necessary.

The Da.Re. curriculum design has two parts: 80 hours online education followed by 70 hours face-to-face education with experts from companies. The idea is that the online education provides students with the technical knowledge and skills needed to do the hands-on training at the two-week 70-hours face-to-face residential school. By combining online and face-to-face education, Da.Re. can combine the best of MOOCs and the boot camp approach to provide new, useful and sustainable data science education in Europe.

The pilot course, that was launched in August 2018, represent the basis for defining the final contents of the curriculum.

References:

- 1) Intellectual Output 1. www.dare-project.eu, 2017.