A PROPOSAL FOR RECOGNIZING SKILLS IN DATA SCIENCE USING OPEN BADGES

ERNESTINA MENASALVAS, ANA M. MORENO, NIK SWOBODA
UNIVERSIDAD POLITÉCNICA DE MADRID

THE SKILLS WORK PACKAGE:

WHAT WE HOPE TO PROVIDE

DATA SCIENTISTS:
- Get your training and experience recognized.
- Build credentials which are widely recognized and easily variable.
- Display your skills online.

EMPLOYERS:
- Find candidates which meet your needs.
- Easily evaluate and verify the skills of your job candidates at different levels of granularity.

EDUCATORS:
- Gain publicity for and the branded recognition of your programs.
- Recognize the partial completion of your training.

EMPLOYERS & EDUCATORS:
- Build a community to ensure that training meet demands.

BADGE REQUIREMENTS

REQUIRED SKILLS: DATA SCIENCE ANALYTICS (VERSION 1.0)

DSA.1. Identify existing requirements to choose and execute the most appropriate data discovery technique to solve a problem depending on the nature of the data and the goals to be achieved.

DSA.2. Select the most appropriate techniques to understand and prepare data prior to modeling to deliver insights.

DSA.3. Assess, adapt, and combine data sources to improve analytics.

DSA.4. Use the most appropriate metrics to evaluate and validate results, proposing new metrics for new applications if required.

DSA.5. Design and evaluate analysis tools to discover new relations in order to improve decision-making.

DSA.6. Use visualization techniques to improve the presentation of the results of a data science project in any of its phases.

BADGE LOGISTICS

BADGE PILOT

big-data-value.eu/skills/skills-recognition-program

FUTURE WORK

This work was partially funded by the project ID: 732630 funded under:
H2020-EU.2.1.1 - INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial technologies - Information and Communication Technologies.