Promoting academia-industry alliances for R&D through collaborative and open innovation platform - All4R&D

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General information about course

Title of the course	*Data Driven Decision Making*
Lecturer	*Kristina Khudaverdyan*
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Description of the course

- The course introduces the concept of Data Analytics. The difference between structured, unstructured and semi-structured data. What analytic techniques can be used and what tools can be helpful.

- The lesson, furthermore, will address the issues and emerging trends in big data analytics.

- Going through the modules, learners will develop an understanding of the problem solving by using data analytics and make better and faster decisions.
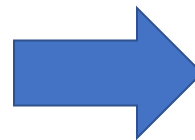
Target group and prerequisites

**Target group/
Learner profile**
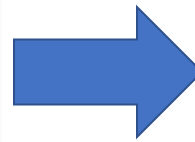
- General Public
- Young Researchers and Teachers

**Prerequisites
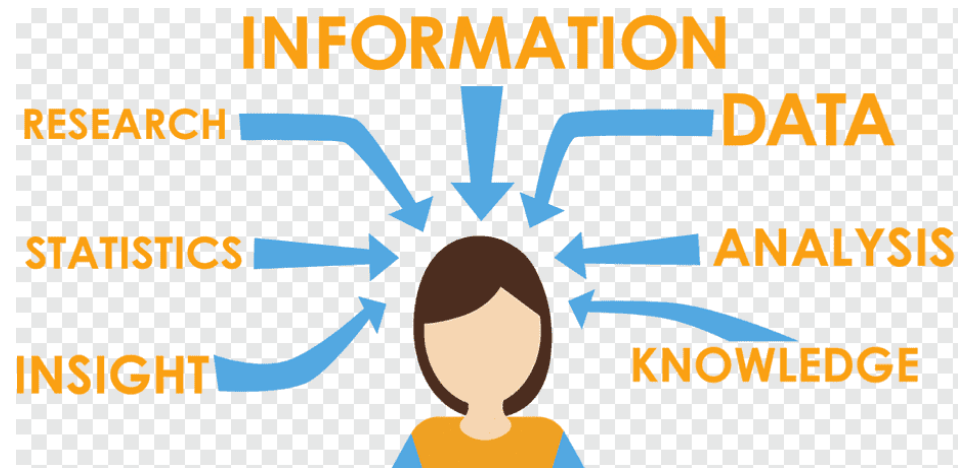(required pre-knowledge and experiences)**

- No previous knowledge or experience required
- Core Research and Teaching Knowledge, Skills and Competences

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Learning outcomes

▪ To get acquainted with a concept of big data. To know the basics of data analytics and the value data analytics brings to education and different spheres decision-making processes. Learners will be introduced to a framework for data analysis and tools used in data analytics.

▪ To be able to apply in their own practice some of the different types of tools and technologies used to gather data.

▪ Be equipped with the appropriate skills that will allow learners to gathering value data and based on data analysis to make necessary decisions.

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Training and learning methods

SLIDE-PRESENTATIONS AND VIDEO

READING MATERIAL

BLENDED LEARNING

GROUP DISCUSSIONS

INDIVIDUAL AND WORKING IN GROUPS

Thank You for your attention!