ELEARNINGNEWS ARTICLE

Year 4 - number 122 Wednesday 22 july 2020

# Digital Upskilling: some examples of online training

***The digital transformation requires new advanced skills that affect businesses and employees. How to increase digital skills with eLearning?***

Pushing employees to improve their skills is an essential component for innovation, growth and competitiveness of a company. According to McKinsey research, the introduction of artificial intelligence into business processes will increase the demand for technological skills. Google's decision to invest $900 million to stimulate digital transformation in Italy is another indicator that the Italian market immediately needs new skills to accompany the technological leap. **Digital upskilling**, means bridging the technological gap of the staff through training courses that not only have as their object the new technology, but that use the technology itself, such as eLearning platforms, to achieve their goal. With an online digital upskilling course you can update your employees' knowledge and create new professionals with **advanced knowledge** in automation and machine learning. What are the courses to follow to bridge the technology gap in view of digital transformation in companies? Here are two examples of **digital upskilling courses** offered by Mega Italia Media.

## Data science training course

Data science is the science of numbers that tells you where information comes from, what it means and how it can be used to create value. Every moment an impressive amount of data is produced by users in all sectors, from manufacturing to healthcare, from sport to communication. Being able to use this data at the right time means being able to quickly adapt the company's response to users' tastes, forecast trends and improve productivity. That's why one of the most popular digital skills is the ability to **analyze data**. The **Data Science Certification Training R-Programming course**, offered by Mega Italia Media, in English, is aimed at IT professionals as well as beginners in statistics and is divided into training sessions with practical exercises. Among the topics of the course, the use of the R programming language for data exploration and visualization and the techniques of predictive and descriptive analysis.

## Machine learning training course

Another crucial aspect of digital transformation concerns machine learning, i.e. the ability of machines to learn and solve business problems. Underlying the process is an algorithm that allows the computer to deliver results by analyzing the data in the history. We talk about machine learning because the machine uses what happened in the past to build the present. Some practical applications are image and voice recognition, diagnosis of diseases, the trend of financial variables and all cases of association and classification that allow to suggest products or services to users, as in e-commerce. The Mega Italia Media **Online Machine Learning Course** offers an in-depth analysis of real time data, learning with or without supervision, regression, classification and model creation.

Whether reskilling or upskilling, online training is the only way to quickly provide advanced knowledge to meet the training needs of increasingly digital companies.