AGFA HealthCare - Winners of eAward 2021

The winners of the eAward 2021 have been announced. The first place in the category of Machine Learning and Artificial Intelligence was taken by VRVis Zentrum für Virtual Reality und Visualisierung Forschungs-GmbH and Agfa HealthCare for their joint project "Interpretive Artificial Intelligence strengthens trust in computer-aided diagnoses."

The eAward has been held annually since 2005. It is one of the largest IT business awards in Austria and focuses on projects that demonstrate and apply technological change in the society, economy and administration. The key partners of eAward include T-Systems, BearingPoint, Bundesrechenzentrum, Verband Österreichische Software Industrie (VÖSI), Österreichischer Gewerbeverein (ÖGV), MP2 IT-Solutions, NTT and DIO - Data Intelligence Offensive.

The two teams developed a solution for a better understanding of image processing AI systems in medicine. The project provides a glimpse into the decision-making of the AI models and to make them transparent for humans. This is done through interpretable artificial intelligence. The method can be applied to all current AI algorithms to classify medical images and take AI decisions that are visible, comprehensive, precise and efficient.

According to the jury of eAward 2021, this project is "One of the most popular AI applications in the medical field at the moment". Others said that it was the "Top application of 'Trustworthy AI' from Austria" and the "Best medicine against the diagnosis from the black box."

Team members David Major, Dimitrios Lenis, Katja Bühler, André Neubauer, and Rainer Wegenkittl must be mentioned for their outstanding achievement, dedication, and perseverance.

Source: VRVIS, Report.at
Image Credit: VRVIS

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