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From migraine prediction to a new cure for prostate cancer

Data warehouse - the key word for putting the myriad of data that has been and is being generated at the Clinical Centre of the UP into a form that can be researched and used. A lot of data is nothing in itself: it has to be found, defined, collected, digitized, stored and made searchable, all in a way that - as it is health data - also protects personal data.  
To turn this information from data into a data asset, a GINOP grant project was needed, which ended on 14th December at the UP.

The importance of the potential of data of the Clinical Center of the UP was recognized by Professor Imre Boncz, thanks to whom the UP and the E-GROUP ICT SOFTWARE Ltd. applied for the InnoHealth DataLake project. Professor Boncz started his presentation with a little known fact from the history of science: Ignác Semmelweis analyzed data from the gynaecological clinic in Vienna and turned to the medical treatment of puerperal fever because he found that the clinic, which was otherwise well reputed, had a high rate of maternal mortality compared to a more backward hospital in Dublin.

On the specific project, he said: several sub-groups, a dedicated advisory board of renowned experts, worked with the very heterogeneous data, which were available in different systems, on different platforms, and in addition to the digitised data, written data, including medical charts and fever charts, were also processed.