

This thesis applies the data mining method of decision rules on data from Consulting centre for Metabolism disorders from University hospital Pilsen. As a tool is used the system LISp-Miner, developed at University of Economics, Prague. Decision rules found are evaluated by a specialist.

The main parts of this thesis are followings: an overview on main data mining methods and results evaluation methods, description of the data mining method application on data and description and evaluation of results.