

# **IMPLEMENTATION OF MDX EXTENSION FOR WAREHOUSING ON MS SQL SERVER PLATFORM**

Summary – The paper widely described multidimensional extension of SQL query language MDX SQL. It can be used for structures creation and data processing for data warehouse at Microsoft SQL Server platform. First part of this work concentrated on methods of creation using visual Analysis Services built in tools. Special attention was dedicated to Key Performance Indicators and Actions creation methods. Both structures was described in very precise way. The second part is dedicated to examples of MDX queries with special attention for presentation of KPI values. The last part described functionality of created .NET client application, which give opportunity to create, testify and process MDX queries. The ADOMD library use in client program was shortly described. Some exemplary results was presented.