# Challenges and Experiences of Pilot Project Big Data in Ministry of Public Administration

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The pilot project - Big Data Analysis for HR efficiency improvement has been established as part of the development oriented strategy supporting ICTs as an enabler of development of data driven public administration in Slovenia. It has been run within Ministry of Public Administration of Republic Slovenia in collaboration with EMC Dell as an external partner. This pilot project has been launched aiming to learn what big data tool installed on Slovenian State Cloud Infrastructure could enable in terms of the research of HR data of our ministry to improve our efficiency. Therefore, anonymized internal data sources containing time management, HR database, Finance database and Public Procurement had been combined with external resources using postal codes of employees and weather data to identify potentials for improvement and possible patterns of behaviour. The results showed that there is considerable potential for improvement in the field of HR and lowering costs in the field of public procurement within our ministry.