EOSC DIH Home

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Pilot	Title	Description
BI Insight	**BI Insight: Business Intelligence, Artificial Intelligence and Big Data technologies.**	BI Insight S.A. is a Polish company operating in the market since 2006. It specializes in solutions combining Business Intelligence, Artificial Intelligence and Big Data technologies as well as best practices in data management. BI Insight has many years of experience in natural language processing (NLP), closely cooperates in the field with leading academic centers and industry experts and is one of the leaders of this type of solution on the Polish market. BI Insight has created a system enabling users to access the knowledge contained in artifacts: presentations, text documents, sheets and others. The system utilizesNatural Language Processing and Machine Learning algorithms in creating recommendations, document classification, information retrieval (both from text and images embedded in documents), as well as building intelligent summaries. The bi ECM system won the first prize in the GOVTECH 2019 competition and became a finalist of the IT Future Awards 2019 competition and has been successfully implemented at the Ministry of Development and is used there by about 150 users.
Net Service	**NetService: Blockchain for university certificates**	The aim of the pilot is to address the possibility for public institutions to issue valid official documents in a digital form, on the blockchain. The proposed architecture is based on a permissioned blockchain (Ethereum Proof of Authority, or similar). This blockchain can be obtained, at project level and possibly within a commercial version of the product, via an authentication service from a Certification Authority of theEUTSLlist, or the AAI service provided by EOSC-hub project such asCheck-InorB2Access. The pilot will look to demonstrate that the solution can be deployed on a federated infrastructure such as the EOSC along with cloud service support.
DCP	**DCP: dynamic resource allocation and accounting in a digital marketplace**	Kings Distributed Systemsis a Canadian company deploying the Distributed Compute Protocol (DCP), a web platform that aggregates excess computing power from underutilized devices and digital infrastructure and makes it available to researchers and innovators. Their Compute API allows users to trivially express parallel workloads, e.g. Advanced Research Computing, AI/ML, blockchain, mathematical finance. The Protocol automatically distributes those workloads for computation.
BBC R&D	**BBC R&D: video coding and compression**	The video coding team withinBBC R&Dfocuses on multiple aspects of video technology, with the general goal of supporting the delivery of high-quality content to all BBC audiences. In addition to performing core fundamental research on video compression standards, the video coding team is researching new, advanced ways of performing compression based on machine learning, artificial intelligence and content analytics, while also applying our findings to enable new content experiences.
KAMPAL	**Kampal: Artificial Intelligence for rare disease diagnosis**	The Spanish Foundation for the Study and Treatment of Gaucher Disease and other Lysosomal Diseases(FEETEG) promotes the scientific research of Gaucher disease and its treatment methods. The Foundation is interested in predicting the probability of development of diseases such as neoplasms or Parkinson's disease in patients of Gaucher disease (correlations between diseases). For this purpose,Kampal Data Solutionswas contacted by FEETEG to develop an advanced analytical model based on Artificial Intelligence with the information available in the Gaucher Spanish Disease Registry.