Big Data Cloud Analytics

Seminar organized as part of the
Big Data Management and Governance course

Tuesday November 20th 2018
9.00 – 11.00
Room P2.4
Via Pietro Vivarelli 10 – Modena

Presenters: Fabio Miselli and Matteo Generali

Seminar abstract

Among its business activity, Doxee company offers a Customer Communication Management service (CMM) which involves a great number of mission critical processes for the customers. Each process produces a huge quantity of monitoring events. The Cloud Analytics project has been designed in order to meet the demand of customers concerning a reliable, safety, available and scalable service of Analytics' extraction and monitoring that can offers a strategy contribute for a company. Technological forefront tools like Amazon Web Services (AWS) have been used in order to meet the services' requirements of efficiency and efficacy. In particular in this talk, I'll show the specific project of micro-service architecture and how a Data Lake has been used for the collection of data. Furthermore, I'll focus on some services largely adopt in the Big Data Cloud collection and into the extraction of Analytics such as Amazon Redshift, Amazon Simple Storage Service, Amazon Glue and Amazon Athena.

Presenter's Bio

Fabio Miselli is a research fellow at the University of Modena and Reggio Emilia who works in the DBGroup in collaboration with Doxee S.p.A. supported by an Emilia Romagna region's grant. At University, he carries out research activities on Data Integration and on Entity resolution. At Doxee, he cooperates in the realization of a project called Cloud Analytics based on the Big Data collection, on the extraction of Analytics and on cloud services that are fulfilled thanks to Amazon Web Services (AWS).