Big data: architectures and data analytics

Introduction to Big Data

Based on "Big Data: Hype or Hallelujah?" by Elena Baralis http://dbdmg.polito.it/wordpress/wp-content/uploads/2010/12/BigData_2015_2x.pdf





Data on the Internet...

Internet live stats	4,159,950,855 Internet Users in the world	1,756,781,513 Total number of Websites	2185,422,700,748 Emails sent today	
<u>http://www.internetlivestats.com/</u>	4,678,531,893 Google searches today	A,436,695 Blog posts written today	539,254,323 Tweets sent today	
	4,991,515,761 Videos viewed today on YouTube	57,798,739 Photos uploaded today on Instagram	96,105,235 Tumble posts today	
	2,436,676,131 Facebook active users	682,245,690 Google+ active users	344,445,798 Twitter active users	
	D 278,737,344 Pinterest active users	Silve calls today	87,939 Websites hacked today	







What is big data?



 "Data whose scale, diversity and complexity require new architectures, techniques, algorithms and analytics to manage it and extract value and hidden knowledge from it"

9



What is big data?



 "Data whose scale, diversity and complexity require new architectures, techniques, algorithms and analytics to manage it and extract value and hidden knowledge from it"

11

























