AI융합 연계전공(010982)-인공지능의 이해 3강 Data Engineering for Artificial Intelligence

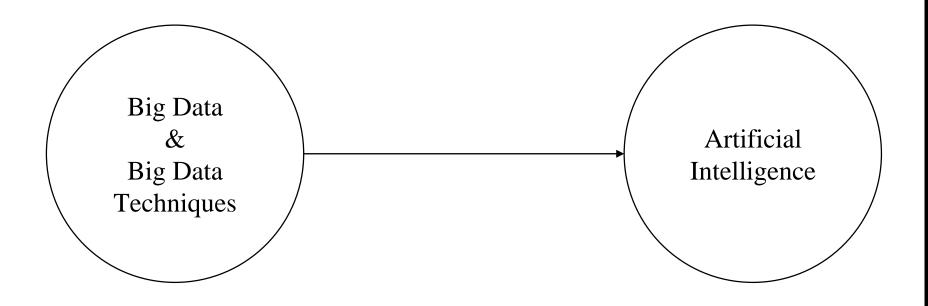
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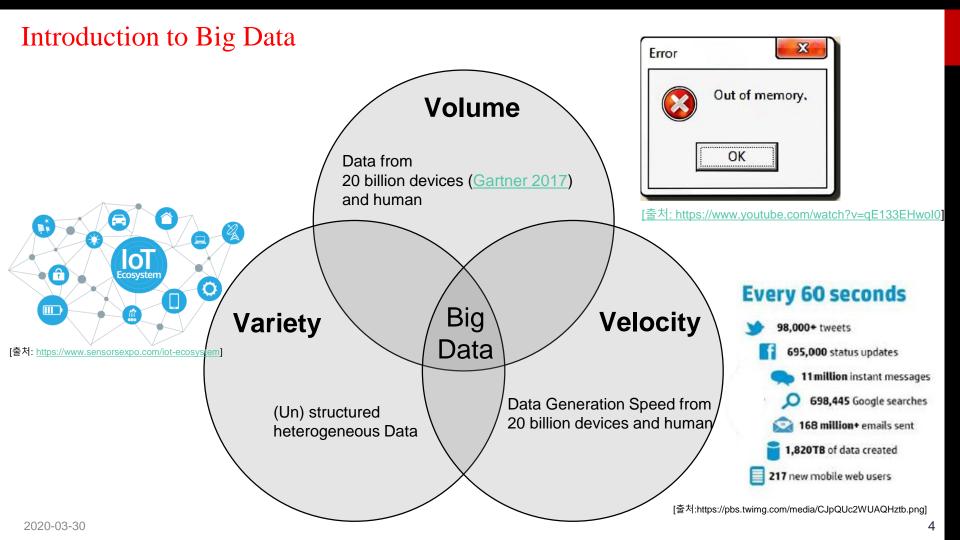
Table of Contents

- 1. Introduction to Data Engineering for Artificial Intelligence (Big Data Processing)
- 2. Data Collection & Processing

Introduction to Data Engineering for Artificial Intelligence

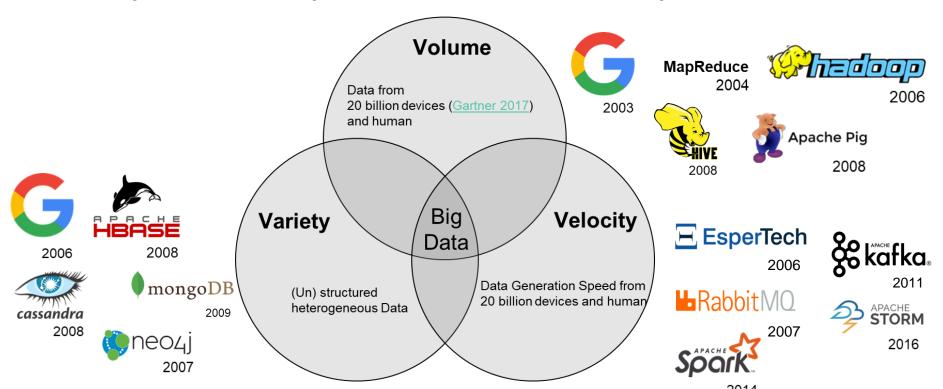


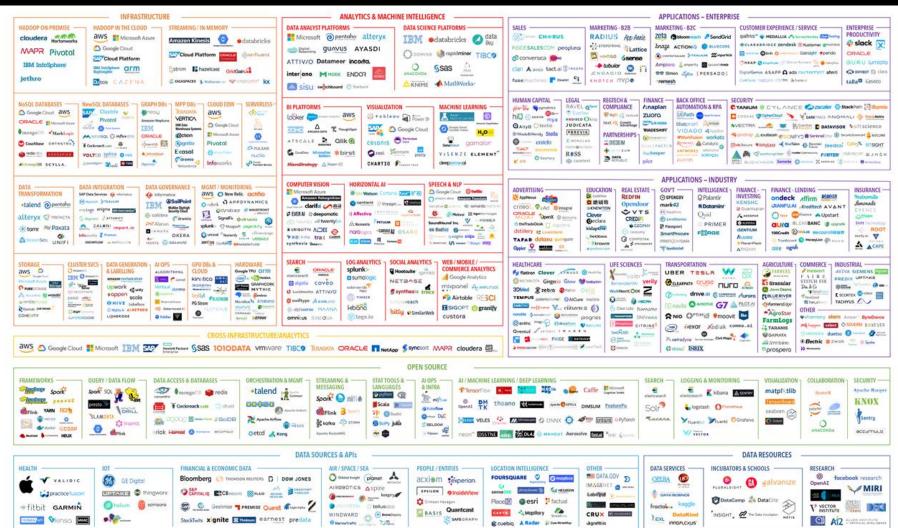
[1][2][3]



Introduction to Big Data Technologies

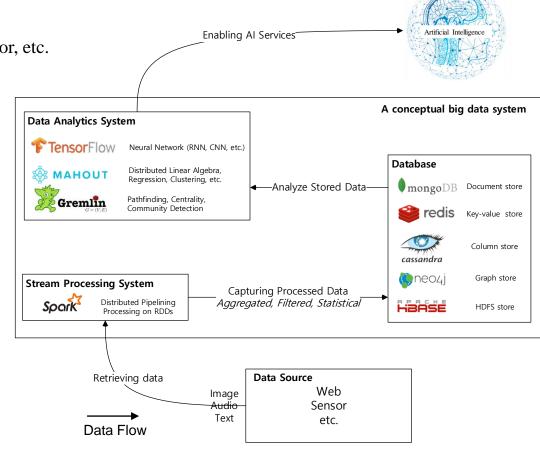
- Big Data Technologies (Definition of IDC 2011)
 - A new generation of technologies and architectures extract value from Big Data





Conceptual Architecture

- Data Source
 - Image, Audio, Text, etc. from Web, Sensor, etc.
- Stream Processing System
 - e.g., Distributed pipelining processing on RDDs
- Database
 - Document store
 - Key-value store
 - Column store
 - · Graph store
 - HDFS store
- Data Processing System
 - Image/audio Processing
 - Text Processing
 - Graph Processing
- Applications
 - AI Services



Reference

- [1] -https://www.forbes.com/sites/bernardmarr/2017/06/09/why-ai-would-be-nothing-without-big-data/#6c2f83b44f6d
- [2] http://economychosun.com/client/news/view.php?boardName=C00&t_num=9318
- [3] https://www.samsungsds.com/global/ko/support/insights/091517_CX_CVP3.html
- [4] https://mattturck.com/data2019/
- Super Mario World https://www.youtube.com/watch?v=qv6UVOQ0F44
- Snake https://www.youtube.com/watch?v=zIkBYwdkuTk



Thank you for listening