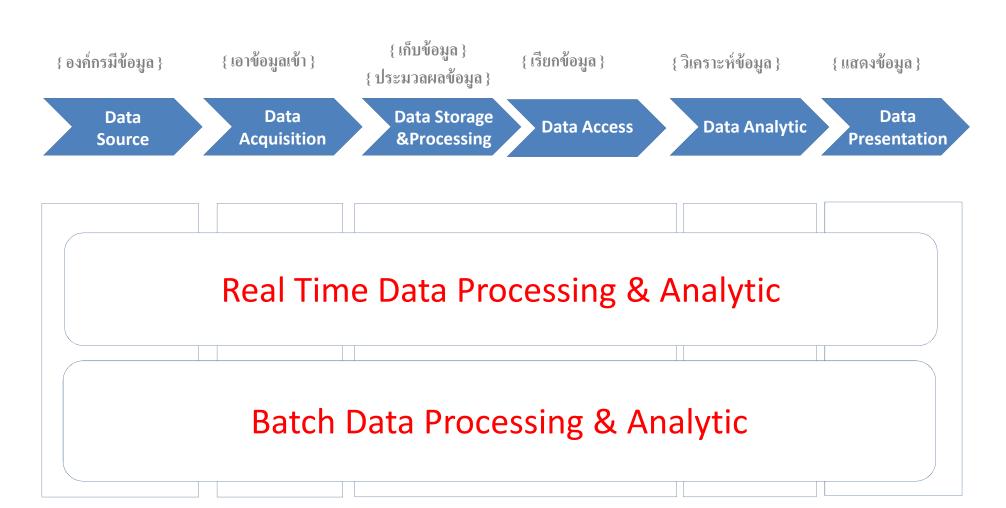
# Big Data Architecture & Case:

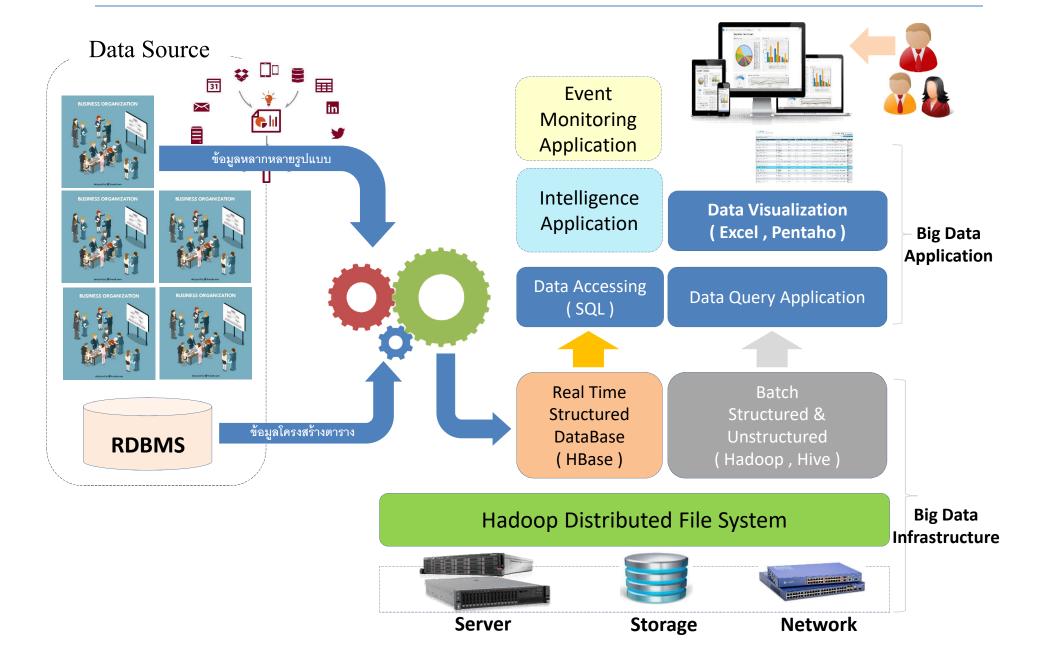
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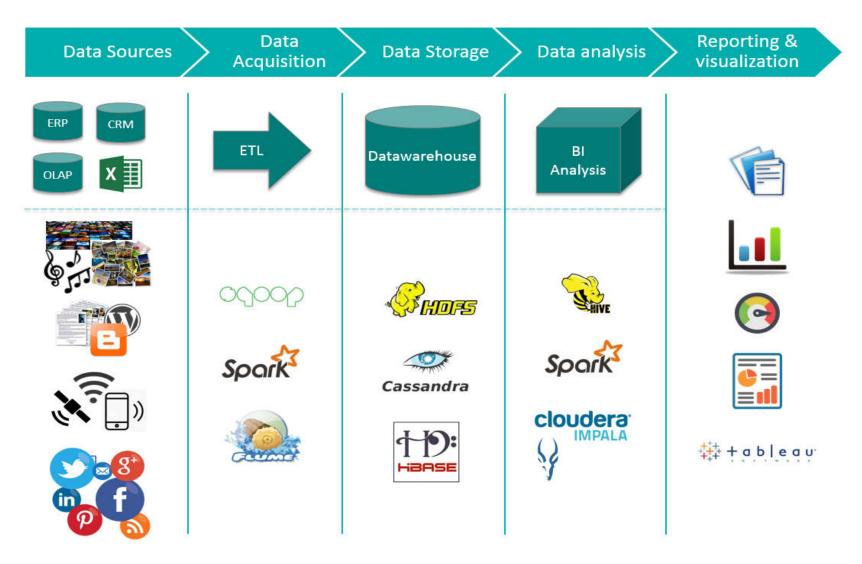
Tel.: 086-813-5354

e-mail: p.Auoychai@gmail.com



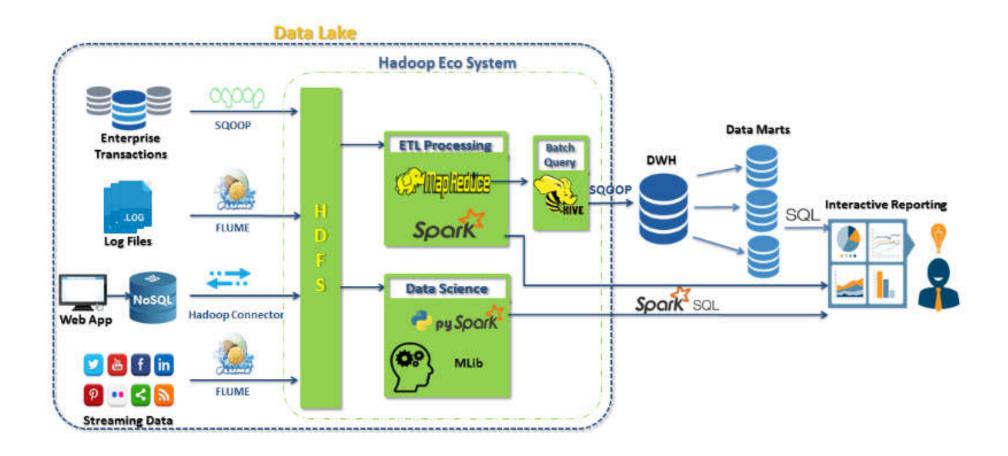
Data Data **Data Storage Data Data Access Data Analytic Acquisition** &Processing Source **Presentation Real-Time Low Latency** (ETL || ELT) High **Speed Layer** GEO-LOCATION **DASHBOARD** Interactive **In-Memory** KafKa **Spark** Query **Engine** \* Pentaho NoSQL DB **SparkSQL** Flume (Hbase) MACHINE **Phoenix Self Service** SOCIAL \* SQL Developer **NETWORKS High Latency** Sqoop **Batch Layer** Low WEB LOGS & **OLAP Reporting Tool Interactive** (Batch / Ad Hoc) Query DOCUMENTS **PDI Data Mining** & EMAILS \* Pentaho **Madrial Data Mart** 





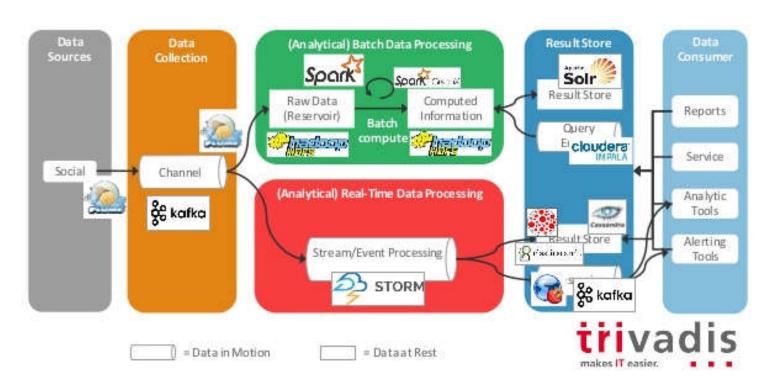
http://www.clearpeaks.com/blog/wp-content/uploads/2015/07/Image-1.png

# # Big Data Architecture#1:



#### # Big Data Architecture#1:

#### Use Case 6) Social Media and Social Network Analysis



https://image.slidesharecdn.com/bigdataarchitecture-v1-150926202752-lva1-app6892/95/big-data-architecture-30-638.jpg?cb=1449318045

# # Big Data Architecture#1:

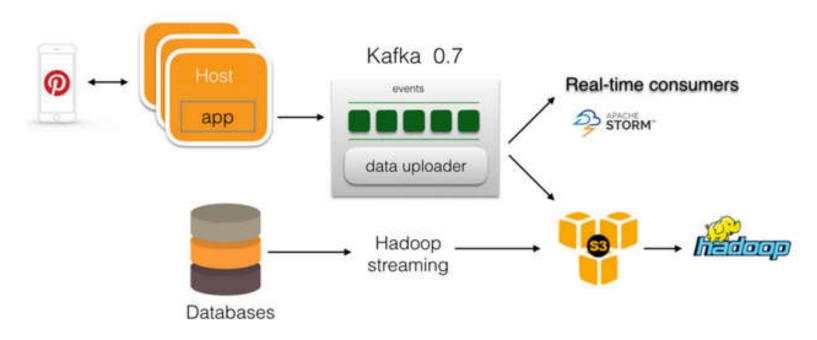


Figure 1. Data ingestion infrastructure in 2014

