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**Sent:** Friday, January 31, 2020 4:22 PM  
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**Subject:** Re: KP Lambda Architecture - Slightly updated version

Hi Baldev ,

  Thanks for meeting with me yesterday.  It was very informational.

  Per our meeting, here is some additional information for you to review and proposed solutions.

* Data Sources
  + SQL Database
  + NoSQL Database
  + Data coming via Kafka
  + Data coming via MQ
  + Data Acquisition using Web Service (SOAP over HTTPS)
  + Data Acquisition using Rest API (JSON or XML over HTTPS)
  + HL7 over MLLP protocol (TCP/IP underneath)
  + Files from SFTP or other file transfer protocol
  + Text Data
  + Big Binary Data (Image, Video, Audio)
  + Data acquisition using various kind of security protocols (DB credential, Kafka credential, MQ credential, HTTP Basic Auth, OAuth (various kind of grand (e.g. client credential)), SSL/TLS, SFTP credential)
* Data Refinery and Enrichment.
* Data Storage for various data types.