Assignment 2

Offerings:

1. Amazon Redshift

1.   **Website?** https://aws.amazon.com/redshift/features/
2.   **What does it do?**
     Reduces amount of I/O needed to provide fast query performance, it is a fully managed, petabyte-scale data warehouse service in the cloud. You can start with just a few hundred gigabytes of data and scale to a petabyte or more. This enables you to use your data to acquire new insights for your business and customers.
3.   **Is it a product (hardware / software), service (we do the work for you), or both?**
     Product (Hardware/software)
4.   **Is it installed on site or is it in the cloud?** On site
5.   **Is it systems or technical architecture?** Systems architecture
     a.   If systems architecture is it SMP, MPP, or Hadoop/MapReduce? **MPP**
     b.   If technical architecture which part of the Corporate Information factory does it aim to address? Data Mart? IM&T/ETL? ODS/NDS/DDS? External World application? Cross Media Storage? Etc… **N/A**

2. MemSQL

1.   **Website?** https://www.memsql.com/product/
2.   **What does it do?**
     MemSQL is a distributed SQL database management system that can run anywhere. It ingests data continuously with ACID transactions and performs operational analytics. It also analyses multiple rows in relational SQL, JSON, geospatial and full-text search formats.
3.   **Is it a product (hardware/software), service (we do the work for you), or both?** Product (hardware/software)
4.   **Is it installed onsite, or is it in the cloud?** Both
5.   **Is it systems or technical architecture?** Technical architecture
     a.   **If systems architecture, is it SMP, MPP, or Hadoop/MapReduce? NA**
     b.   **If technical architecture, which part of the corporate information factory does it aim to address? Data mart? IM&T/ETL? ODS/NDS/DDS? External world application? Cross- media storage? And so on.** ODS/NDS/DDS

3. BlueData

1.   **Website?** https://www.memsql.com/product/
2.   **What does it do?** BlueData makes it easier, faster, and more cost-effective to deploy Big Data analytics and machine learning – on-premises, in the cloud, or hybrid. The BlueData solution provides your data science teams with on-demand access to the tools they need to deliver data-driven digital transformation and business innovation.

3. **Is it a product (hardware / software), service (we do the work for you), or both?** Product (software)
4. **Is it installed on site or is it in the cloud?** On site or cloud
5. **Is it systems or technical architecture?** systems architecture
    a. If systems architecture is it SMP, MPP, or Hadoop/MapReduce? **Hadoop/MapReduce**
    b. If technical architecture which part of the Corporate Information factory does it aim to address? Data Mart? IM&T/ETL? ODS/NDS/DDS? External World application? Cross Media Storage? Etc… **N/A**

4. Vertica

1. **Website?** https://www.vertica.com/solutions/
2. **What does it do?** Vertica is the high-performance SQL analytics database trusted by the most cutting edge data-driven enterprises to transform customer engagement, fraud detection, network analysis and more.
3. **Is it a product (hardware / software), service (we do the work for you), or both?** Product (software)
4. **Is it installed on site or is it in the cloud?** On site or cloud
5. **Is it systems or technical architecture?** systems architecture
    a. **If systems architecture is it SMP, MPP, or Hadoop/MapReduce?** Hadoop/MapReduce
    b. **If technical architecture which part of the Corporate Information factory does it aim to address? Data Mart? IM&T/ETL? ODS/NDS/DDS? External World application? Cross Media Storage? Etc…** N/A

5. Birst

1. **Website?** https://www.birst.com/product/
2. **What does it do?**
   Birst is a Network Analysis and Business Intelligence platform that allows businesses to analyze and visualize data. It provides self-service, business intelligence, warehouse automation, analytics, ad-hoc reporting, finance, wealth management and cloud business intelligence.
3. **Is it a product (hardware/software), service (we do the work for you), or both?** product (hardware/software)
4. **Is it installed onsite, or is it in the cloud?** Cloud
5. **Is it systems or technical architecture?** Technical architecture
    1. **If systems architecture, is it SMP, MPP, or Hadoop/MapReduce?** Hadoop/MapReduce
    2. **If technical architecture, which part of the corporate information factory does it aim to address? Data mart? IM&T/ETL? ODS/NDS/DDS? External world application? Cross- media storage? And so on.** IM&T/ETL

6. Snaplogic
1. **Website?** https://www.snaplogic.com/products
2. **What does it do?**

SnapLogic is an Intelligent Integration Platform (IIP) that collects data from any source and in any form. It allows customers to connect with cloud-based applications onsite and on cloud. It includes functions for data science, cloud, B2B integration among others.

3. **Is it a product (hardware/software), service (we do the work for you), or both?** Both
4. **Is it installed onsite, or is it in the cloud?** Both
5. **Is it systems or technical architecture?** System architecture
   a. **If systems architecture, is it SMP, MPP, or Hadoop/MapReduce?** Hadoop/MapReduce
   b. **If technical architecture, which part of the corporate information factory does it aim to address? Data mart? IM&T/ETL? ODS/NDS/DDS? External world application? Cross- media storage? And so on.** N/A

6. **ClearStory**
   1. **Website?** https://www.alteryx.com/platform
   2. **What does it do?** Clearstory Data which is now acquired by Alteryx automates business intelligence (BI), empowering everyone to easily discover, explore, and share interactive insights from your data analytics, while Alteryx is a leading provider of an end to end data science and analytics platform for the enterprise.
   3. **Is it a product (hardware / software), service (we do the work for you), or both?** service
   4. **Is it installed on site or is it in the cloud?** On site or cloud
   5. **Is it systems or technical architecture?** systems architecture
      a. If systems architecture is it SMP, MPP, or Hadoop/MapReduce? **Hadoop/MapReduce**
      b. If technical architecture which part of the Corporate Information factory does it aim to address? Data Mart? IM&T/ETL? ODS/NDS/DDS? External World application? Cross Media Storage? Etc… **N/A**

8. **PostgreSQL**
   1. **Website?** https://www.postgresql.org
   2. **What does it do?**
      PostgreSQL is open-source relational database system which can handle single machines to data warehouses with many users. It features ACID properties, with all the SQL features of views, triggers, foreign keys and stored procedures.
   3. **Is it a product (hardware/software), service (we do the work for you), or both?** Product (hardware/software)
   4. **Is it installed onsite, or is it in the cloud?** On-site
   5. **Is it systems or technical architecture?** Technical architecture
      a. **If systems architecture, is it SMP, MPP, or Hadoop/MapReduce?**
      b. **If technical architecture, which part of the corporate information factory does it aim to address? Data mart? IM&T/ETL? ODS/NDS/DDS? External world application? Cross- media storage? And so on.** ODS/NDS/DDS