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Assignment-2

Offerings:

1. **Azure Synapse**

Website?
https://azure.microsoft.com/en-us/services/synapse-analytics/

What does it do?
Azure Synapse is a limitless analytics service that brings together enterprise data warehousing and Big Data analytics. It gives you the freedom to query data on your terms, using either serverless or provisioned resources—at scale. Azure Synapse brings these two worlds together with a unified experience to ingest, prepare, manage, and serve data for immediate BI and machine learning needs

Is it a product (hardware/software), service (we do the work for you), or both?
Service

Is it installed onsite, or is it in the cloud?
Cloud

Is it systems or technical architecture?
Systems Architecture

If systems architecture, is it SMP, MPP, or Hadoop/MapReduce?
MPP

2. **Birst**

Website?
https://www.infor.com/products/birst

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.

Is it a product (hardware/software), service (we do the work for you), or both?
Product (hardware/software)

Is it installed onsite, or is it in the cloud?
Cloud
Is it systems or technical architecture?
Technical architecture

If systems architecture, is it SMP, MPP, or Hadoop/MapReduce?
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

3. **Informatica ILM**

Website?
https://www.informatica.com/ilm.html

What does it do?
Informatica ILM helps to manage the lifecycle of the business by reducing the cost of ownership and increasing the ROI. It helps from development, testing and production of critical data to the archiving and application phases

Is it a product (hardware/software), service (we do the work for you), or both?
Service (we do the work for you)

Is it installed onsite, or is it in the cloud?
On-site

Is it systems or technical architecture?
Technical architecture

If systems architecture, is it SMP, MPP, or Hadoop/MapReduce?
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.
External world application

4. **MemSQL**

Website?
https://www.memsql.com/product/

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.

Is it a product (hardware/software), service (we do the work for you), or both?
Product (hardware/software)

Is it installed onsite, or is it in the cloud?
Both

Is it systems or technical architecture?
Technical architecture

If systems architecture, is it SMP, MPP, or Hadoop/MapReduce?
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

5. Microsoft Dynamics GP

Website?
https://dynamics.microsoft.com/en-us/gp-overview/

What does it do?
It is a business management ERP software for small and medium business. It uses Microsoft SQL Server to store data. It has several modules for financial management and acounting, inventory management and operations, sales and services, human resources and payroll and business intelligence and reporting.

Is it a product (hardware/software), service (we do the work for you), or both?
Product (hardware/software)

Is it installed onsite, or is it in the cloud?
Onsite

Is it systems or technical architecture?
Technical architecture

If systems architecture, is it SMP, MPP, or Hadoop/MapReduce?
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. Pentaho Data Integration

Website?
https://www.hitachivantara.com/en-us/products/data-management-analytics/pentaho- platform.html

What does it do?
Pentaho Data Integration is a part of Pentaho Business Intelligence and has software for all purposes like managing utilities, making decisions, data integration, data analysis along with data mining tools

Is it a product (hardware/software), service (we do the work for you), or both?
Product (hardware/software)

Is it installed onsite, or is it in the cloud?
On site

Is it systems or technical architecture?
Technical architecture

If systems architecture, is it SMP, MPP, or Hadoop/MapReduce?
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

7. PostgreSQL

Website?

https://www.postgresql.org

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.

Is it a product (hardware/software), service (we do the work for you), or both?

Product (hardware/software)

Is it installed onsite, or is it in the cloud?

On-site

Is it systems or technical architecture?

Technical architecture

If systems architecture, is it SMP, MPP, or Hadoop/MapReduce?
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

8. **Snaplogic**

Website?

https://www.snaplogic.com/

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.
Is it a product (hardware/software), service (we do the work for you), or both?

Both

Is it installed onsite, or is it in the cloud?

Both

Is it systems or technical architecture?

System architecture

If systems architecture, is it SMP, MPP, or Hadoop/MapReduce?

Hadoop/MapReduce

9. Snowflake.com

Website:

What does it do?

Snowflake is a cloud-based Data Warehouse solution provided as a Saas (Software-as-a-Service) with full support for ANSI SQL
Is it a product (hardware/software), service (we do the work for you), or both?

Service

Is it installed onsite, or is it in the cloud?

Cloud

Is it systems or technical architecture?

System architecture

If systems architecture, is it SMP, MPP, or Hadoop/MapReduce?

MPP