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10/20/2019   
IST 722 Assignment 02—Making Sense of the Market

**1. Pentaho Data Integration**

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

2. What does it do? **Use this no-code visual interface to ingest, blend, cleanse and prepare diverse data from any source in any environment.**

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

4. Is it installed onsite, or is it in the cloud? **Onsite or Cloud.**

5. Is it systems or technical architecture? **Technical architecture.**

a. If systems architecture, is it SMP, MPP, or Hadoop/MapReduce? **N/A**

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? Crossmedia storage? **Data mart/ETL/DSS application**

**2. MemSQL**

1. Website? **https://www.memsql.com**

2. What does it do? **Delivers instant, effortless access to the world’s fastest, most scalable data platform for operational analytics, machine learning and AI.**

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

4. Is it installed onsite, or is it in the cloud? **Onsite or Cloud.**

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**3. Microsoft Dynamics GP**

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

2. What does it do? **More than just accounting software, Dynamics GP is an ERP solution that helps small and medium-sized businesses gain greater control over your financials, inventory, and operations.**

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

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

5. Is it systems or technical architecture? **Technical architecture**

a. If systems architecture, is it SMP, MPP, or Hadoop/MapReduce? **N/A**

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**4. Birst**

1. Website? **https://www.birst.com**

2. What does it do? **Modern cloud BI and analytics to optimize your most complex business processes.**

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

4. Is it installed onsite, or is it in the cloud? **Onsite or Cloud**

5. Is it systems or technical architecture? **Technical Architecture**

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**5. Snaplogic**

1. Website? **https://snaplogic.com**

2. What does it do? **Integrate Applications and Data with Clicks, Not Code**

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? **Cloud**

5. Is it systems or technical architecture? **Technical Architecture**

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**6. PostgreSQL**

1. Website? **https://www.postgresql.org/**

2. What does it do? **Powerful, open source object-relational database system that uses and extends the SQL language combined with many features that safely store and scale the most complicated data workloads.**

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

4. Is it installed onsite, or is it in the cloud? **Onsite or Cloud**

5. Is it systems or technical architecture? **Technical Architecture**

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**7. Informatica ILM**

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

2. What does it do? **From development, test, and production of critical data to the retirement and archiving phase, application ILM solutions help your IT organization align the business value of data with the most appropriate infrastructure to manage it.**

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

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

5. Is it systems or technical architecture? **Technical Architecture**

a. If systems architecture, is it SMP, MPP, or Hadoop/MapReduce? **N/A**

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? Crossmedia storage? **ETL/NDS**