# Part 3: On your own

For each of the offerings, answer the following questions:

1. Website?
2. What does it do?
3. Is it a product (hardware / software), service (we do the work for you), or both?
4. Is it installed on site or is it in the cloud?
5. Is it systems or technical architecture?
   1. If systems architecture is it SMP, MPP, or 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? Etc…

Offerings

1. Azure Synapse
   * + **Website?**
   * **https://azure.microsoft.com/en-in/products/synapse-analytics/**

* What does it do?

**Azure Synapse** Analytics is a limitless analytics service that brings together data integration, enterprise data warehousing and big data analytics

* 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? **Onsite and Cloud**
* Is it systems or technical architecture? Technical Architecure

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

* 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? **IM&T/ETL**

1. Birst
   1. Website? **https://www.infor.com/products/birst**
   2. What does it do? **Birst gets the raw data and runs it through their Extract, Transform, Load (ETL) process and then creates a data warehouse automatically, making the data ripe for analysis**
   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? **cloud**
   5. Is it systems or technical architecture? **technical architecture**
      1. If systems architecture is it SMP, MPP, or Hadoop/MapReduce? **N/A**
      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? Etc… **IM&T/ETL**

3. Informatica ILM

* Website? **https://www.informatica.com/ilm.html#fbid=62jJNTGrbyg**
* 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?N/A
* 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? And so on. **External world application**

4. MemSQL

1. Website? **https://www.memsql.com/**  
2. What does it do? **Self-service, real-time analytics at scale.**3. Is it a product (hardware / software), service (we do the work for you), or both?

**It is a product.**4. Is it installed on site or is it in the cloud?  
**It runs everywhere, i.e., it can be installed on-premises, managed as a service or self-hosted cloud.**  
5. Is it systems or technical architecture? **Technical Architecture**

1. If systems architecture is it SMP, MPP, or Hadoop/MapReduce? **N/A**
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? Etc… **Data Mart, DSS Application and External world Applications.**

Diagram

Description automatically generated

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 acoounting, 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? On-site
  + Is it systems or technical architecture? Technical architecture
  + If systems architecture, is it SMP, MPP, or Hadoop/MapReduce?N/A
  + 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:: **IM/ETL**

6. Pentaho Data Integration

1. Website? **https://help.hitachivantara.com/Documentation/Pentaho/7.0/0D0/Pentaho\_Data\_Integration**
2. What does it do?  **Reduces Amount of I/O neede to provide fast query perfromance**
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**
5. Is it systems or technical architecture? **technical architecture**
   1. If systems architecture is it SMP, MPP, or Hadoop/MapReduce? **N/A**
   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? Etc…It aims to address IM&T/ETL

7. PostgreSQL

1. Website? **https://www.postgresql.org/about**
2. What does it do? **PostgreSQL is a 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(software)**
4. Is it installed on site or is it in the cloud? **On site or cloud**
5. Is it systems or technical architecture? **technical architecture**
   1. If systems architecture is it SMP, MPP, or Hadoop/MapReduce? **N/A**
   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? Etc… **ODS/NDS/DDS**

8. Snaplogic

1. Website? [**https://www.snaplogic.com/**](https://www.snaplogic.com/)

2. What does it do? **Self-service, automates application and data integration.**

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

4. Is it installed onsite, or is it in the cloud?   
**It can be installed on on-premises, private cloud or used as iPaaS.**

5. Is it systems or technical architecture? **It is a** **technical Architecture**

1. If systems architecture, is it SMP, MPP, or Hadoop/MapReduce? **NA**
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? Crossmedia storage? **ODS and DSS Application**

