OVERSIGHT

**Brief document for Oversight
(Data Warehouse as a Service)**

Powered by
Xquisite AI

Xquisite AI

- We are data enthusiasts **offering data analytics and AI solution** at scale

- Since 2016, our firm has a collective **expertise** in **commercial, corporate, digital, and government projects** – each with a philosophy of innovative solution woven into them.

Our vision is to help our customers **leverage cloud to become data-driven enterprise**

Technology Partner

Microsoft Partner

Gold Data Analytics
Gold Data Platform
Gold Cloud Platform

Microsoft

"A data warehouse is a centralized repository of integrated data from one or more disparate sources. Data warehouses store current and historical data and are used for reporting and analysis of the data"

- Microsoft -

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The Reason & The Indicator

Common question is **"when do we need a data warehouse and already have to build it?"**

There are 3 indicators from the business technology phase, which can show that it is time for your business to need a Data Warehouse

Multiple Data Sources

The most challenging phase to analysis is data collection. **The more data you need, the longer it takes**.

Separation Transactional Data an Analytics Data

Your data already supported by ERP system. But the system does not support you to **separate transactional data and analytics data**. You do that because need to get **more insights.**

Query & Analytic Performance Improvement

If you already have a transactional system such as ERP and have monthly transactions of thousands to tens of thousands (or more), you may **experience problems with the reporting performance** generated by your system.

Preparation to Develop
A Data Warehouse

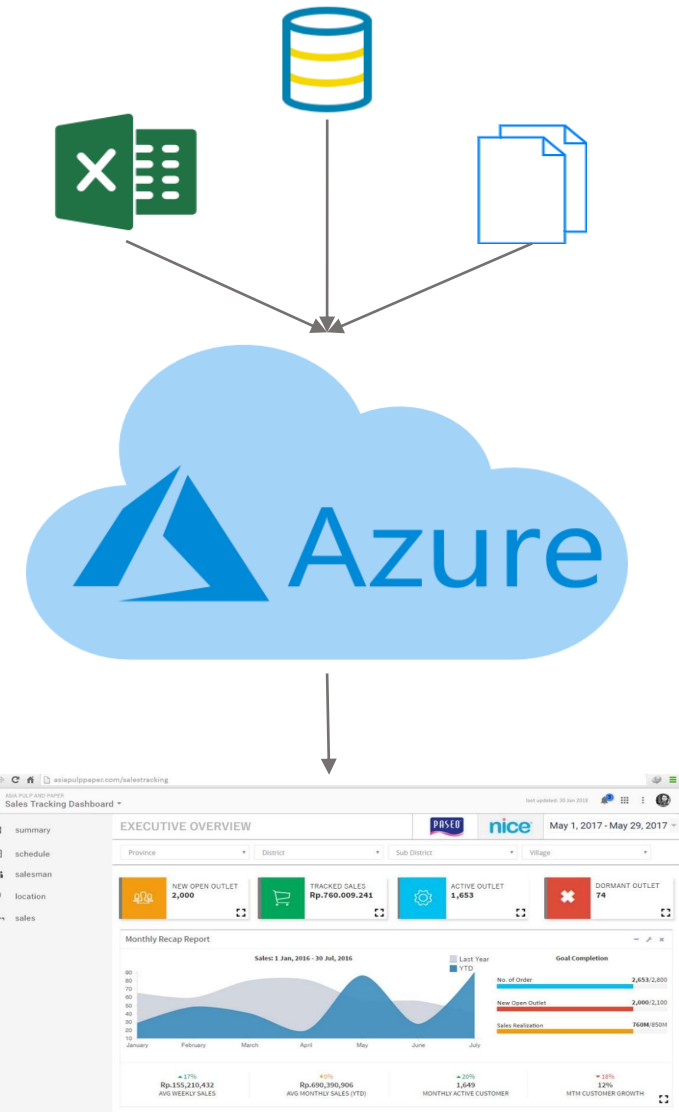The following components can be considered when building a data warehouse

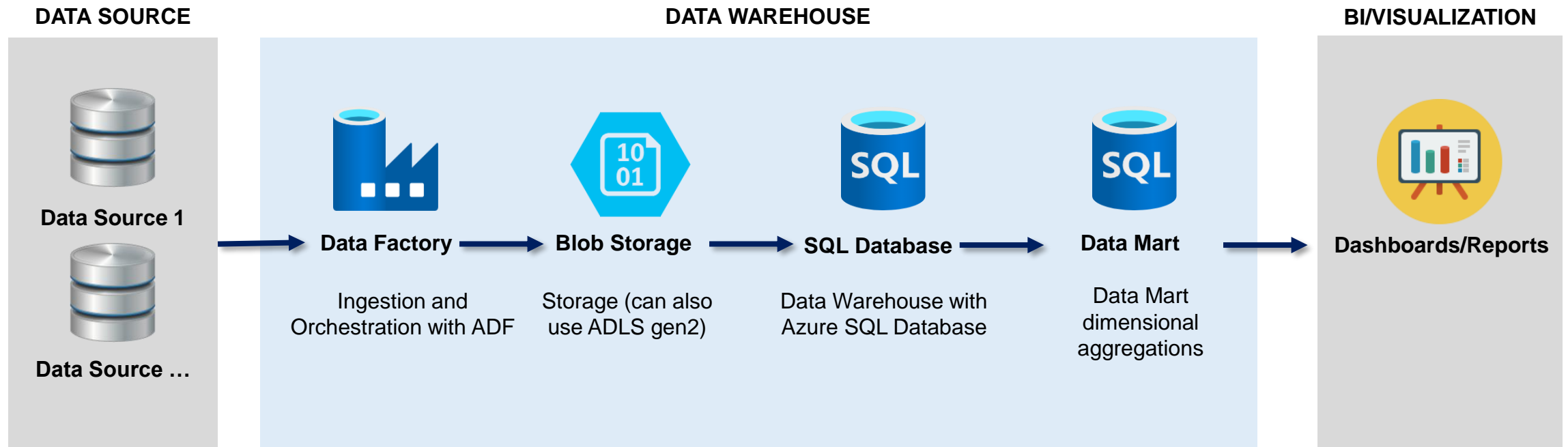| Components	Common Step	Oversight
Technology preferences (inc. license purchasing)	●	–
Vendor selection	●	–
Preparing the infrastructure (the server and room)	●	–
Preparing the business process and data to be used / store into the Data Warehouse	●	●
Creating data warehouse project	●	–
Preparing dedicated team (IT Team) to maintain the Data Warehouse	●	–

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Oversight is **a Data Warehouse-as-a-Service (DWaaS)** that help you to have a **modern data warehouse** with cloud technology.

Here are the advantages:

✓ We use **Microsoft Azure** as cloud technology

✓ Build a data warehouse **efficiently**

✓ Get facilities for **custom dashboards and/or reports** that use from our technology. Easy to access anytime and anywhere.

✓ Data Warehouse **can be connected** with **Business Intelligence Tools** (PowerBI, Tableu etc) for visualization your data

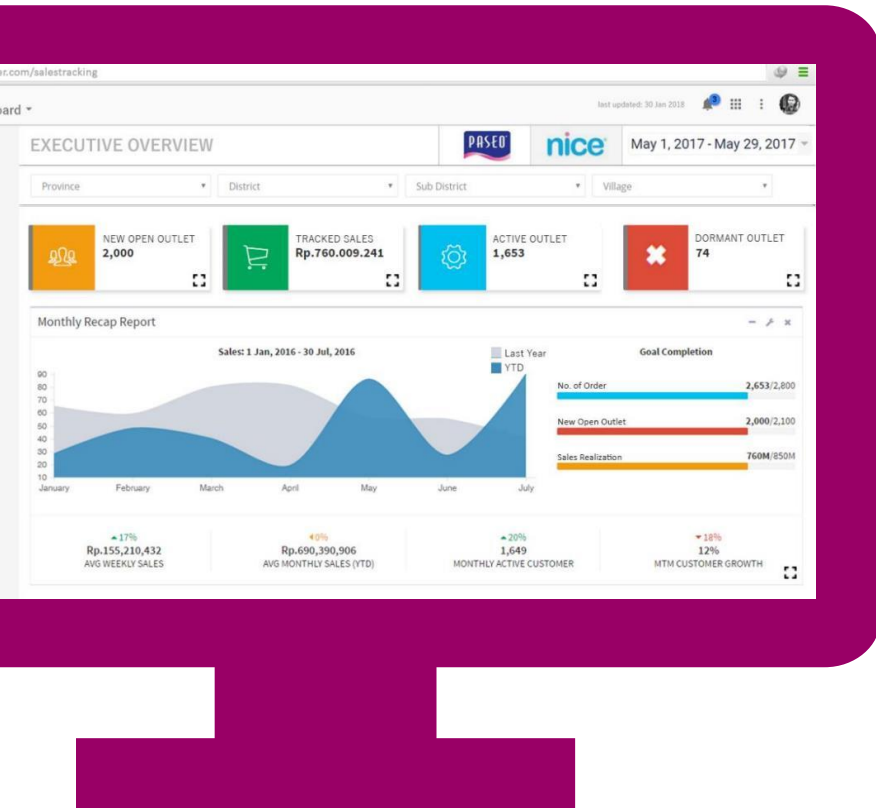Xquisite AI

Data Warehouse Architecture

DATA SOURCE

Data Source 1

Data Source …

DATA WAREHOUSE

Data Factory

Ingestion and Orchestration with ADF

Blob Storage

Storage (can also use ADLS gen2)

SQL Database

Data Warehouse with Azure SQL Database

Data Mart

Data Mart dimensional aggregations

BI/VISUALIZATION

Dashboards/Reports

By using cloud technology owned by **Microsoft Azure**, you can feel safe about the security and privacy of your data because **Microsoft Azure uses world-class security standards**.

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Custom **Dashboards**

The following is an **example** of a **custom dashboard** that can be accessed by Oversight users.

The dashboard can be accessed using a web browser, and uses XQ technology.

If you already have Business Intelligence tools (PowerBI, Tableau, ect), just connect your dashboard data to Oversight.

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take you closer to AI

Contact Us

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