

ETL, Data Warehouse and Analytics Task

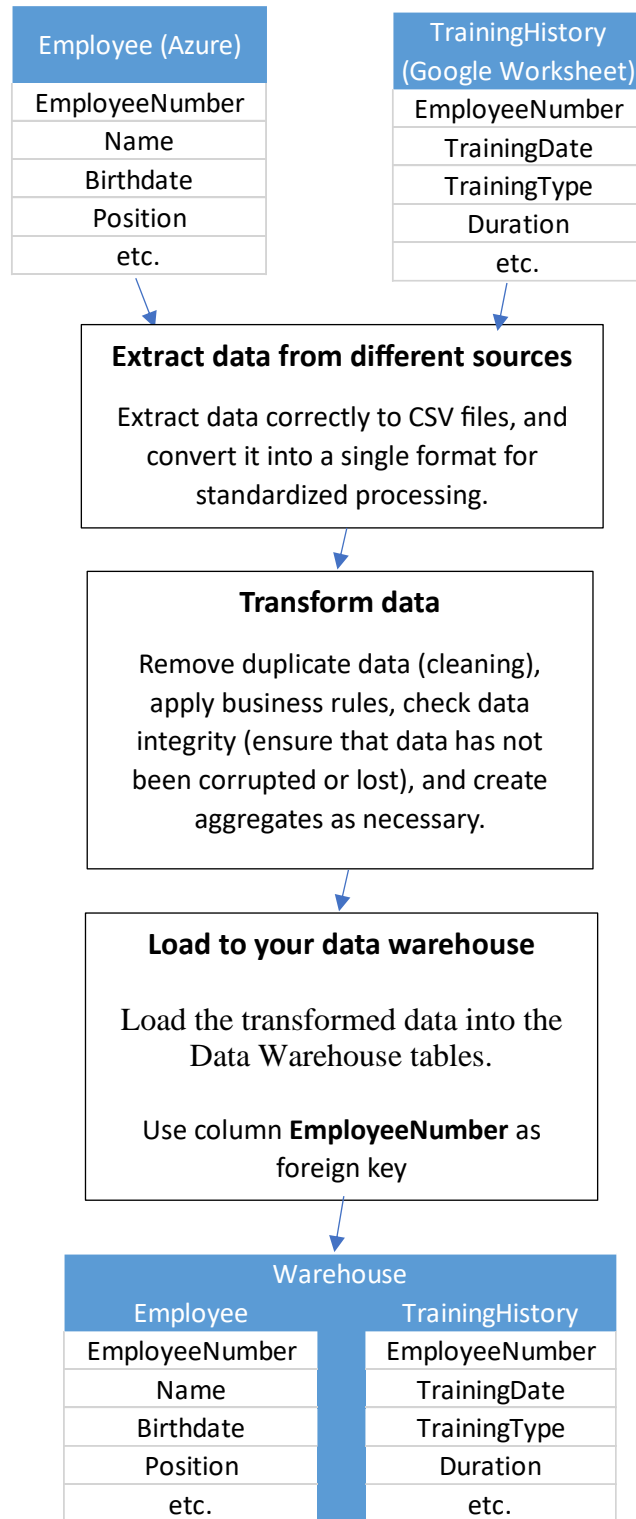
Build and design simple Data Warehouse and analytics data, data source came from 2 different source

1. Employee data, source from Azure
2. Training history, source from GCP (Google Cloud Platform)

Requirement and Details:

1. Azure Employee data is using SQL Server as Database Server. This is database for saving employment data like their employee number, name, birthdate, position/job etc. Each employee has one record for their employment data.
 2. Training History data is using Google Worksheet as data platform. The worksheet contains historical data about training that completed by employee. Each employee may have more than one records for their training history data.
 3. Design simple ETL Flow that compile these two data sources into Data Warehouse
 4. Design simple report that displays historical training data
 5. Design simple dashboard that displays
 - a. Total employee completed training each month
 - b. Total training each month
-

1. Design simple ETL Flow that compile these two data sources into Data Warehouse



2. Design simple report that displays historical training data

All Category

All Completed Status

All Passed Status

Excel

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	Last Status	Last Test Grade	Last Test (WIB)	Total Attempt	Course Name	Category	Passing Grade	User ID	Name	Employee ID	Email
1	Passed	90	2023-11-28 10:46:14	1	GOOD MANUFACTURING PRACTICES	QUALITY	70	1431	DICK CENEY FEBRYNARDO MARPAUNG	000726809	ceneymarpaung@gmail.com
2	Passed	100	2023-11-28 10:16:45	1	CONFINED SPACE (RUANG TERBATAS)	2023	70	1431	DICK CENEY FEBRYNARDO MARPAUNG	000726809	ceneymarpaung@gmail.com
3	Passed	90	2023-11-27 22:08:33	1	EMERGENCY PREPAREDNESS AND RESPONSE PART 1	2023	70	1111	HERMAN HERMAN	000532825	herman.mulyono@gmail.com
4	Passed	70	2023-11-27 13:30:36	1	PROPER AWARENESS	2023	70	1642	DEBY HIZKY BUTAR BUTAR	000755697	Deby-Hizky.Irwan@gmail.com

3. Design simple dashboard that displays
- a. Total employee completed training each month
 - b. Total training each month

