README.md 2025-07-11

Business Intelligence Portfolio – [Emmanuel Yufenyuy]

Master's Student | Business Intelligence – IU International University tar.yufenyuy@gmail.com | LinkedIn

This repository consolidates all the components of my end-to-end Business Intelligence portfolio, built to demonstrate the implementation of a possible **Extract-Load-Transform and Analyse** Architecture in an organizational context. The key components of this architecture are: data integration, transformation & modeling, and storytelling. It also highlights of automating the entire process.

The process to be implemented is shown on the following image!.

Data Sources Run Scritps Virtual Machine PostgreSQL Cloud Provider e.g Az yelp fusion api X dbt Core scripts postgres Extract Power BI ransform Read Write Read Read Load Local Development Environ Source: Yufenyuy Tardzenyuy

BI ELT Architecture for a Data Analytics Pipeline

Projects Overview

Phase	Title	Description
1	Integration	Data integration from Yelp API, Google Drive, and Hetzner stoarge-box into PostgreSQL.
2	Transform & Modeling	getdbt models transforming raw data into analytics-ready tables.
3	Dashboard	Power BI dashboard analyzing Local Bakery Production & sales data, adn Yelp Businesses with their reviews.
	Research and Course Summaries	Summaries & reports from BI-related master's courses.