**Building a Data Pipeline in Python**

Assignment Description:

In this assignment, you will design and implement a data pipeline in Python to extract, transform, and load (ETL) data from a given data source into a destination. You will be assessed based on the correctness, efficiency, and scalability of your data pipeline implementation.

Assignment Details:

Data Source: You will be provided with a sample dataset in CSV format containing information about sales transactions. You can access it [here](https://drive.google.com/file/d/1pptRkEnW9ZnHWBCPrfPuLOhNoigiq1oV/view?usp=sharing).

Requirements:

Extract data from the provided CSV file.

Transform the data by calculating total sales amount for each product.

Load the transformed data into a destination database (you can choose any database of your choice).

Implementation Guidelines:

Use Python programming language to implement the data pipeline.

Use appropriate libraries and tools for data extraction, transformation, and loading.

Write clean and well-documented code with proper error handling and exception management.

Ensure that your data pipeline is efficient and can handle large volumes of data.

Deliverables:

Python script (.py file or .ipynb) containing the implementation of your data pipeline.

Documentation explaining the design and implementation of your data pipeline, including any assumptions made and dependencies required.

README file with instructions on how to run and test your data pipeline.

Submission Instructions:

Submit your Python script, documentation, and README file via the online submission system provided.