**Project Scenario:**

You have been provided with a sample sales data file from a fictional organization. This data represents raw information extracted from the source system and requires transformation and organization to generate meaningful sales reports.

**Your Task:**

Your task is to design an appropriate data warehouse solution that can effectively store and process the sample sales data. We encourage you to leverage tools and technologies such as SSIS, Python, or any other platform that you are comfortable with. Additionally, you have the flexibility to use any database system or even CSV files to demonstrate how this solution can be automated.

Please submit the following components as part of your project:

* **Data Warehouse Design:**

Provide a comprehensive data warehouse design that outlines the architecture, data modelling, and structure required to house the sample sales data efficiently. Your design should demonstrate an understanding of how to organize and integrate data for seamless reporting.

* **Scripts to Derive Tables (Python or SQL):**

Develop scripts using either Python or SQL (or a combination of both) to transform and derive relevant tables from the raw sales data. These scripts should demonstrate your proficiency in data transformation and manipulation.

* **Simple Power BI Dashboard:**

Create a simple Power BI dashboard that presents insightful sales reports generated from the derived tables.

**Project Submission Guidelines:**

Please submit your project deliverables via email to [dilini.r@cargillsceylon.com](mailto:dilini.r@cargillsceylon.com) by 11.59 pm on 23rd November 2023. Ensure that your submission includes all the components mentioned above, and kindly label each section clearly for easy evaluation.

If you require any clarifications, please send them via email to [dilini.r@cargillsceylon.com](mailto:yasith.f@cargillsceylon.com) by 12.00 pm on 20th November 2023.

**Evaluation Criteria:**

Your submission will be evaluated based on the quality of your data warehouse design, the effectiveness and efficiency of your data transformation scripts, and the functionality of your Power BI dashboard. Additionally, we will assess your ability to automate the process and your overall approach to building a robust solution.