

Cairo University
Faculty of Computers and Artificial Intelligence

Third Year
Data Warehouse Term Project
2023

Phase 2: Building Data Warehouse

In the second phase of the project, you should **transform** data from your source database to staging area (STG) then from STG to data warehouse (DWH) using SSIS, execute some **queries** on the fact tables to get insights from the data, and finally **deploy** and **schedule** your packages.

Phase Deliverables:

1. Cover page containing TA name, students' names and IDs.
2. Screenshots of the data flow tasks and control flow tasks used for building the DWH. (**Give a meaningful title for each image**)
3. Queries on each fact table to let me understand what this fact table represents and what insights we can get from it, and screenshot of the result set of each query.
4. Screenshots of the deployed packages in SSIS with their schedule.
5. **[Bonus]** Build an interactive dashboard for the DWH using a BI tool or any programming language.

Notes:

1. No late submission will be accepted for any reason.
2. **All** team members must present on the discussion dates. **ZERO** points will be given to the absentees.
3. Any team worked on **one** excel sheet or **one** table during **phase 1**, have to **redo** phase 1, otherwise they will get **zero**.

Where to submit?

1. Name your document as follows:
Phase2_TA_Name_List of IDs separated by _
Ex: Phase2_Ahmed_Galal_20200011_20200022_20200033.docx
2. Upload your document (in **docx** format) to this Google Form:
<https://forms.gle/dejgUqXPFGwYAJXA>

The form will be closed on **Sunday May 7th at 11:59 PM** and the discussion will be during that week.