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Course: BIDD 320: Data Migration Techniques (Etl Processing)

Lessons Learned

Throughout this ten-week course, I've enhanced my understanding and knowledge of the ETL processes, to be specific:

- *I can use several methods to import and export data in SQL Server, MongoDB by SSIS, python, power shell, and C#.*
- *I can perform data cleansing and transformation by SQL Scripts, SSIS Tasks, and Python Scripts.*
- *I can migrate data between cloud and on-site systems.*
- *I can automate and schedule data migrations and create monitoring dashboards to gain insights in a short time.*

Moreover, I learned a lot of non-technical skills after completing all the assignments and final projects:

- *The importance of organizing the ETL solutions appropriately (in Visual Studio);*
- *How to create comprehensive and user-friendly documentation to help end-users understand why and how they use my solution.*

As a BI developer, these technical and non-technical skills would greatly help me when I engage in large BI projects and develop the deliverables on time with quality.

I would suggest that if we can add one or two open-ended tasks to the final project, it will be more enjoyable. 😊

I enjoyed the journey and can't wait for the third course in April and keep moving forward in the BI development area. I also plan to enroll in the first course for the 2022 session to earn the certificate for the program.

