**Database and Programming Essentials for Data Science – Assignment 4**

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Analysis and Design/Staging of Data

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| **Item** | **Screenshot (paste below, adjacent to each question)** |
| **Include your Flowchart Designs** | **Include an image of your flowchart design for this program.**  **Three Flowcharts should be shown. (1) main program (2) the calculate actual yield function (3) the function of rolling up the yield, fertilizer and pesticide values by decade** |
| **Screenshot of Tables Created in your database** | **A screen shot from SSMS to display the tables and columns in the SQL Server database** |
| **Screenshot of Mapping Template** | **Include an image of your mapping template for your transformations from source to target.** |

**Also Upload your Python code and the extract from the target table for this part of the assignment via Nexus along with this template**