Sustainable Data Science

and Artificial Intelligence

Activity #4

**Instructions**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1. In Excel, type the following values into the following cells:   |  |  | | --- | --- | | **B2** | Input | | **B4** | 1 | | **B5** | 1 | | **B6** | 0 | | **B7** | 0 | | **B8** | 1 | | **B9** | 1 | | **D4** | =IF((B4=B5), "Same", "NotSame") | | **D6** | =IF((B6=B7), "Same", "NotSame") | | **D8** | =IF((B8=B9), "Same", "NotSame") | | **F2** | Output | | **F6** | =IF(AND((D4=D6),(D6=D8)), "All Match", "Not All Match") |   It should look something like this (if you want to you can add in the lines and the shading I have put in, please do):    Do a screengrab of that and put it in the answer template. |

**Submission Instructions**

Please submit in the following two ways

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| Please e-mail me your completed solution, and with filename:  *Familyname\_FirstName\_TU850\_1\_SDSaAI\_Activity4.docx*  e.g.  *Gordon\_Damian\_TU850\_1\_SDSaAI\_Activity4.docx*  Also include the answer to Activity #1-3 in separate files.  e-mail to [Damian.X.Gordon@TUDublin.ie](mailto:Damian.X.Gordon@TUDublin.ie) with subject heading as follows:  [DT850/1] SDSaAI Activity #1-4 |
| Please submit into Brightspace in:   * Assessment   + Assignments     - Activity #4 |

For the email, please include the following message:

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| **Damian,**  **I am a student in your Sustainable DS & AI (CMPU1040) class in the BSc in DS & AI (DT850/1).**    **Please find attached Activity #1-4.**  **Regards,**  **Your Name**  **Student Number.**  **DT580, BSc in DS & AI** |