Sustainable Data Science

and Artificial Intelligence

Activity #4

**Instructions**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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

|  |
| --- |
| 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 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:

|  |
| --- |
| **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** |