Sustainable Data Science

and Artificial Intelligence

Activity #8

**Instructions**

We have covered a number of topics so far in this module.

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| **Data Science (Slides 3-110):**   * <http://www.damiantgordon.com/Courses/SDSaAI/Week1/Week1-Introduction-to-DS-and-AI-Part1.pptx>   **Artificial Intelligence (Slides 3-100):**   * <http://www.damiantgordon.com/Courses/SDSaAI/Week4/Week1-Introduction-to-DS-and-AI-Part2.pptx>   **Sustainability:**   * <http://www.damiantgordon.com/Courses/SDSaAI/Week6/Introduction-to-Sustainability.pptx>   **Expert Systems:**   * <http://www.damiantgordon.com/Courses/SDSaAI/Week8/Expert_Systems.pptx>   **Chatbots:**   * <http://www.damiantgordon.com/Courses/SDSaAI/Week9/Chatbots.pptx>   **Green Computing:**   * <http://www.damiantgordon.com/Courses/SDSaAI/Week10/GreenComputing.pptx> |

I want you to pick any of those topics, and create a MindMap about it. You have to draw the MindMap (using pens and paper) on a blank piece of paper (not lined), and use as many colours as you can. The MindMap must have at least 20 nodes.

Insert the image into the Sample Answer document, and submit as below.

**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\_Activity8.docx*  e.g.  *Gordon\_Damian\_TU850\_1\_SDSaAI\_Activity8.docx*  Also include the answer to Activity #1-7 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 #1-8 |
| Please submit into Brightspace in:   * Assessment   + Assignments     - Activity #8 |

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 #1-8.**  **Regards,**  **Your Name**  **Student Number.**  **DT580, BSc in DS & AI** |