# **RESEARCH PLAN**

## **〈 TOPIC ID〉 〈 TOPIC DESCRIPTION〉**

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| **Group name:** 〈your group’s name〉  **List of members:** 〈provide the full name and student ID of each member〉 |

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| **Keywords:** 〈5 keywords that are most relevant to the research topic〉  **Description:** 〈a brief introduction to the research topic, this should be a paragraph instead of the title solely〉  **List of references:** 〈materials that have been used in this research〉   * Documentations, tutorials, technical reports, etc. * Source codes, pretrained models, demonstrative applications, etc. * List of books, papers, or web pages |

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| **Presentation outline**  〈Complete the following sections with the content of your own topic〉   1. **Introduction:** an overview of the selected solution (i.e., a tool, a project or a product that provides great helps to Big Data research)  * Which problems could be solved by using this solution? * A brief history: motivations and evolution through years  1. **A deeper insight to the selected solution**    1. Major components and main functionalities: consider what are worth to be presented and support them with demonstrative figures and examples    2. Its applications in academic and/or industry activities    3. Its popularity (i.e., how many users choose this solution)    4. Identify other solutions that have similar functionalities and compare them on different aspects 2. **Demonstration**  * This should be described in detailed as possible. However, you can modify it in the future to meet the actual context. * Anything that could be used to highlight the solution’s main functionalities, rather than being just an installation guide. * The more effort you pay (e.g., interesting story, significant coding, etc.), the higher credit you get.  1. **Discussions and Conclusion** |

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| **Weekly schedule:** 〈what each member has done every week〉   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | Week 01  (from…to…) | Week 02  (from…to…) |  | Week n  (from…to…) | |  |  |  |  |  | |  |  |  |  |  | |

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| **Group self-evaluation:** State the objective and subjective reasons that may affect your performance in completing this research; however, it is not about evaluating the contribution of team members.   * **Advantages:** 〈what benefits your research〉 * **Disadvantages:** 〈any difficulties that you might encounter during research〉 |