

## Dream Space TV: brAln\_waves competition

School Name:

School Address:

Group Name: *(this can be your solution name but will be the name used to identify your group should you be shortlisted)*

Number of Students in Group: *(minimum of 2 - maximum 4)*

### Introduction

*Guiding Questions (Use these for guidance, your response should be in paragraph(s), not in a Q&A format. Use the competition success criteria to support in gaining maximum marks)*

- Global Challenge/Goal:
  1. What are some pressing global issues or objectives you've recently read or heard about?
  2. Which of these issues do you think could be improved or solved using technology, specifically coding or AI?
- Audience:
  3. Can you think of a specific group of people, or perhaps a whole community, that directly faces this challenge?
  4. How will your solution improve their daily lives or overall situation?

*Type your introduction here.....*

### Comparative Analysis and Solution Foundation

*Guiding Questions (Use these for guidance, your response should be in paragraph(s), not in a Q&A format. Use the competition success criteria to support in gaining maximum marks)*

- Research on Similar Solutions:
  1. Which AI or coding solutions already exist that address the same or a related issue? Can you list a few?
- Strengths and Weaknesses:

2. For each solution you've identified, what are its key strengths and where does it seem to lack?
  - Differentiation:
3. How does your proposed solution stand out from those already available? What makes it unique or potentially more effective?
  - Data and Information:
4. What specific data or sources of information have you referred to or utilised in developing your solution?

*Type your comparative analysis here...*

#### Artificial Intelligence

*Guiding Questions (Use these for guidance, your response should be in paragraph(s), not in a Q&A format. Use the competition success criteria to support in gaining maximum marks)*

- Initial Motivation:
  1. What prompted or inspired your interest in addressing this specific challenge?
- Solution:
  2. Explain your solution in detail and how it works.
- Machine Learning:
  3. What type of machine learning technologies have you included in your solution?
  4. What type of data is being used?
  5. How is the data being collected?

Type your answer here...

Impact: Discuss the potential impact of your AI solution on the problem or challenge you identified. Explore potential real-world applications and benefits.

*Use the competition success criteria to support in gaining maximum marks*

Type your answer here...

## Conclusion

*Guiding Questions (Use these for guidance, your response should be in paragraph(s), not in a Q&A format. Use the competition success criteria to support in gaining maximum marks)*

- Overall Experience:
  1. Looking back, how do you feel about the process you undertook from initial idea discussions to creating your solution?
- Learning Highlights:
  2. What were your key takeaways or lessons learned?
- Future Visions:
  3. If you were to continue this project, what changes or additions would you consider making to your solution?

*Type your answer here...*

Appendix (optional) for supporting media or materials

The appendix should contain any additional items like links to notes, photos, screenshots, video, prototypes, additional work etc.

Please note that when sharing links for the judges, links should be available to access for all users and should not require platform log ins. If the judges cannot access the links, no contact will be made to rectify this due to timelines involved.

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