

Instituto Tecnológico y de Estudios Superiores de Occidente

Department of Electronics, Systems, and Informatics

Computing Systems Engineering

Machine Learning Course

Teacher: Edna L. Guevara Rivera

Bird strike fatality prediction on Airplane crashes

PROJECT DEFINITION

Presented by:

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September 18th, 2022

AUTUMN, 2022

Tlaquepaque, México

The Project report must contain these elements:

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| **Element** | **Points** | **Description** |
| 1. Cover page | 5 | The cover page must be the same as the previous sheet. If your document is in Spanish you must change the cover page.  It contains the complete name of the team’s members, the ID, delivery date, and the title of the project. |
| 1. Index | 2 | It contains an index with links to each page. The document’s pages are numbered. The headings contains the subject name. |
| 1. Introduction | 20 | The text contains a clear sequence. There are at least 6 references cited in the text that support the concepts seen in the class. There are not spelling or writing mistakes. |
| 1. Problem to solve | 20 | There is an extensive explanation of the problem to solve answering at least five basic questions: What? How? When? Where? Who? Every answer is 4 points evaluated. |
| 1. Data collection | 20 | Explain extensively how the data is obtained, number of features used, registers number, and if the dataset contains empty cells. |
| 1. Learning type to use | 20 | What kind of learning and algorithm will be used? Advantages and disadvantages. |
| 1. Conclusions and pending work | 10 | The text contains a clear sequence, there is continuity between the introduction and conclusions. There is a separation between conclusions and pending work. There are not spelling or writing mistakes. |
| 1. References | 3 | The document has at least 6 references, and at least two of them are magazine or conference papers. All the references use the IEEE format [1]. |

General Notes:

* The entire document must use Times New Roman font, 12 pt font size. Single space between lines and double space between paragraphs. Subtitles must be in bold.
* All the figures and tables must be referenced in the text, and must have a caption (above for tables and below for figures). The Figure caption must be for example: “*Fig. 1 This is the figure”*, and the tables caption: “*Table 1 This is the table”*.

REFERENCES

(The references are in format IEEE)

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| --- | --- |
| [1] | University of Pittsburgh, "Citation Styles: APA, MLA, Chicago, Turabian, IEEE: IEEE Style," 5th September 2019. [Online]. Available: https://pitt.libguides.com/citationhelp/ieee. |