# Activity 1- Part 2

by

COMP 690A - RESEARCH METHODS IN COMPUTER SCIENCE

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# Evaluation of Text and Referencing in the Document Provided

The goal of this Activity is to evaluate the text and determine if proper referencing of the sources used has been done. It appears that the main topic addressed is Scene Text Recognition (STR). While reading the document, several issues were found, both with text/language used and as well as referencing. The following sections will take a look at some of these issues. Please refer to the annotated version of the original document (1_annotated.pdf) in the following sections.

# Evaluation of Text

Overall, the language used in the document is not consistent or up to standards for academic audience. The following are some of the issues found in the text:

- **Clarity and Structure:** Overall, the document lacks cohesion, coherence and, therefore, clarity.

- **Redundancies:** The word *text* is repeated many times, and in same cases, within the same sentence. Please refer to 1_annotated.pdf for a suggested solution.

- **Long, Complex sentences:** These types of sentences appear several times within the document and are hard to follow.

- **Inadequate Academic Tone:** In a number of cases, the author uses casual tone within senteces, for example, beginning a sentence with "So,...", or "However, there is still so much room".

- **Insignificant Definitions:** The some definitions given by the author do not provide any meaningful explanations of the subjecct matter, for example, "Text localization aims to localize text components..." or "Text verification focuses on verifying text..."

- **Superficial Claims and Conclusions:** The author makes strong claims and conclusions about methods and outcomes without citing sources.

# Evaluation of Referencing

There are some issues with referencing both within the text and Bibliography. Many of these issues are due to inconsitencies in formatting. The following are the issues found.

- **In-Text Citations**

  - **Incorrect Order Citations:** The author used a mix of ascending and descending order of citations as in "This idea can be utilized in different computer vision tasks, such as image-based search [1], [2], robots navigation [3], [2] and industrial automation [4], [2].". The correct way is ascending order.

  - **Citation Redundancy:** The [2] in the above sentence is repeated thrice. This may be due to irrelevant citations, content, or lack of prioritization.

- **Bibliography**

  - **Inconsistent Formatting of Names:** While entry [1] lists authors with initials followed by last names, entries [2], [3], and [5] use the first name followed by the last name. Additionally, entry [4] combines both cases.

  - **Inconsistent Formatting of Publishers:** Entry [1] uses IEEE Computer Society, while entry [3] uses "Institute of Electrical and Electronics Engineers Inc., USA

- **Inconsistent Formatting of Page numbers:** Page numbers are either of different format or missing entirely.