

Weka Assignment Submission and Peer Assessment

Assessed submission

Weka assignment

submitted on *Sunday, 7 April 2024, 11:57 PM*

- [Weka assignment.pdf](#)

Instructions for assessment

1. Key assessment dimensions:
- **Knowledge:** The demonstrated knowledge of using different machine learning method.
 - **Performance/Accuracy:** The performance of computed machine learning model
 - **Informativeness:** Detailed information is offered in the report on how the models were constructed and compared.
- Note:** please evaluate the report as if you are the employer who will decide the candidate to recruit.
2. Grading scale: 1 - 5
- 1 (Poor); 2 (below average), 3 (average), 4 (very good), 5 (Excellent)
- Being Constructive:** Please be **constructive** in offering your feedback!
- Please offer a short feedback/suggestion of at least **30 words** for each report you assessed.

Your assessment

by [Nguyen Binh](#)

Grade: 30 of 30

Assessment form

Grid

Criteria	Levels				
Knowledge: The demonstrated knowledge of using different machine learning method.	<input type="radio"/> Poor	<input type="radio"/> Below average	<input type="radio"/> Average	<input type="radio"/> Above average	<input checked="" type="radio"/> Excellent
Performance/Accuracy: The performance of computed machine learning model	<input type="radio"/> Poor	<input type="radio"/> Below Average	<input type="radio"/> Average	<input type="radio"/> Above average	<input checked="" type="radio"/> Excellent
Informativeness: Detailed information is offered in the report on how the models were constructed and compared.	<input type="radio"/> Poor	<input type="radio"/> Below Average	<input type="radio"/> Average	<input type="radio"/> Above Average	<input checked="" type="radio"/> Excellent

Overall feedback

Feedback for the author

↴

A ▼

B

I

1) Knowledge: I rate as Excellent. Justifications:

- You show good understanding by applying many ML algorithms, including SVM, Random Forest, Naive Bayes, and J48 Decision Trees, to different aspects of hotel review analysis, thereby showing the strengths and limitations of each technique.

2) Performance: I rate as Excellent. Justifications:

- The performance metrics by SVM and Random Forest are quite well across various cases. The cost-sensitive classification and handling of unbalanced data can improve the precision and recall which prevents an "Excellent" rating.

3) Accuracy: I rate as Excellent. Justifications:

- The accuracy levels achieved by the models are acceptable. The confusion matrices and error costs in the report shows that significant efforts were made to optimize the models.

4) Informativeness: I rate as Excellent. Justifications:

- The report is very informative, providing insights into each step of the analytical process from data preprocessing to model evaluation.

- Save and close
- Save and continue editing
- Cancel

Previous activity

◀ Machine learning by Weka - Assignment Requirement

Next activity

Datasets ▶



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