57E00500 - Capstone: Business Intelligence, Lecture, 26.2.2024-10.4.2024

This course space end date is set to 10.04.2024 **Search Courses: 57E00500**

Weka Assignment Submission and Peer Assessment

Assessed submission

Presentation

submitted on *Sunday, 7 April 2024, 2:58 PM* | modified on *Monday, 8 April 2024, 10:39 AM*

- Presentation.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: 28 of 30

Assessment form

Grid

Criteria	Levels				
Knowledge: The demonstrated knowledge of using different machine learning method**.**	○ Poor	○ Below average	○ Average	○ Above average	◉ Excellent
Performance/Accuracy: The performance of computed machine learning model	○ Poor	○ Below Average	○ Average	◉ Above average	○ Excellent
Informativeness: Detailed information is offered in the report on how the models were constructed and compared.	○ Poor	○ Below Average	○ Average	○ Above Average	◉ Excellent

Overall feedback

Feedback for the author

1) Knowledge: I rate as Excellent. Justifications:

- The report shows thorough understanding of the machine learning techniques, including Logistic Regression and Random Forest analyze the impact of hotel reviews. The use of SMOTE to deal with data imbalance shows that you are determined to solve real-world data issues.

2) Performance: I rate as Above average. Justifications:

- The models achieved good performance metrics, particularly the Logistic Regression model, which showed okay results in predicting reviewers who have visited more than 15 cities. However, improvement is possible for the Random Forest model, which can handle the unbalanced dataset better.

3) Accuracy: I rate as Above average. Justifications:

- The accuracy levels are good, with Logistic Regression performing notably well. The performance reported for different models help readers understand strengths and weaknesses of each approach.

4) Informativeness: I rate as Excellent. Justifications:

- The report provides detailed information on the construction and comparison of models, including the preprocessing steps, feature engineering, and the reasons behind model selection. The discussion on the impact of missing data and how it was addressed are well documented.

Save and close Save and continue editing Cancel

Previous activity
◄ Machine learning by Weka - Assignment Requirement

Next activity
Datasets ►