

SOCIO-AFFECTIVE SCENARIOS USING LEARNING ANALYTICS

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Why are Socio-affective Scenarios important?

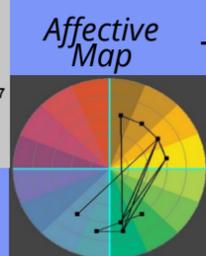
They allow professors to create resources or develop methodologies based on the profile of their students, personalizing teaching.

1 OBJECTIVE

This work aims to identify the possible Socio-affective Scenarios using Learning Analytics of recurrent students in a Virtual Learning Environment.



2 COLLECTION INSTRUMENT

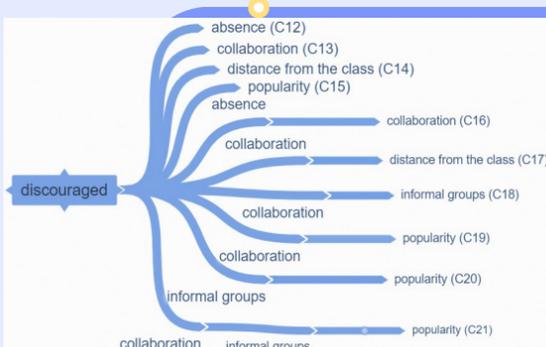
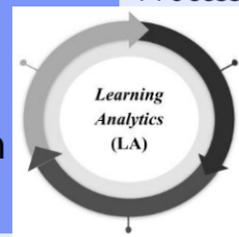


The data collected from the Social Map and the Affective Map, both tools of a Virtual Learning Environment, were extracted to identify the relationship between the social and affective aspects.

3 METHODOLOGY

This research with a qualitative and quantitative approach was carried out based on 13 case studies, allowing the application of Learning Analytics. The target audience was 285 students who participated in subjects and courses at a Brazilian public university.

Learning Analytics Process



Example of 10 Socio-affective Scenarios

4 RESULTS

As a result, 56 Socio-affective Scenarios were created using Learning Analytics to contribute to the analysis of students' learning profiles.

The 56 Socio-affective Scenarios are available at the link:
<https://drive.google.com/file/d/1jhQOJvjCFrnWqWYQxV4zqppwvMAqEB1b/view?usp=sharing>

5 CONCLUSIONS

Based on these findings, professors can decide how to use this information, allowing them to develop pedagogical strategies consistent with the needs of each student.

