



Learning Analytics

Ready now to serve institutional needs ?

Feedback from an experience

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Learning Analytics

Machine_Learning
Artificial_Intelligence Smart_Assistant
Big_Data Technology_Enhanced_Learning
Learning_Analytics Collective_Intelligence
Adaptive_Learning Data_Mining
Recommender_System





Summary

- Case Study
- Problems encountered
- Possible solutions
- Conclusion





CASE STUDY





Digital Thematic Universities



aunege



iut^{enligne}





Addressed Issues

- Leverage OER
- Facilitate student access to OER





Application

The screenshot shows the ARCHE Learning Management System (LMS) interface. At the top, there's a navigation bar with icons for user profile, home, and course list, followed by the text "Accès aux Ressources et Cours Hébergés sur l'ENT". On the right of the header, it says "Connecté sous le nom : Azim Roussanaly" and "(Déconnexion)". Below the header, there's a colorful decorative graphic.

The main content area has a dark grey header with "Accueil > Mes cours > AI" and "Activer le mode édition" (Enable editing mode) on the right. The main content area contains:

- A red box titled "Recommandations UNT" (Recommendations UNT).
- A sidebar titled "RÉGLAGES" (Settings) with the following options:
 - Administration du cours
 - Activer le mode édition
 - Paramètres
 - Utilisateurs
 - Filtres
 - Notes
 - Sauvegarde
 - Restauration
 - Importation
 - Réinitialisation

On the left side, there are several sections and links:

- "Forum des nouvelles"
- "Section 1"
- "2012-2013"
- "Qui êtes vous ?"
- "Présentations"
- Organisation
 - Introduction
 - Filtrage bayésien
 - Filtrage collaboratif
 - Filtrage et classification
 - Evaluation
 - Confiance
 - Sécurité





Some features

- Quality
- Personalized
- Adaptive
- Remedial



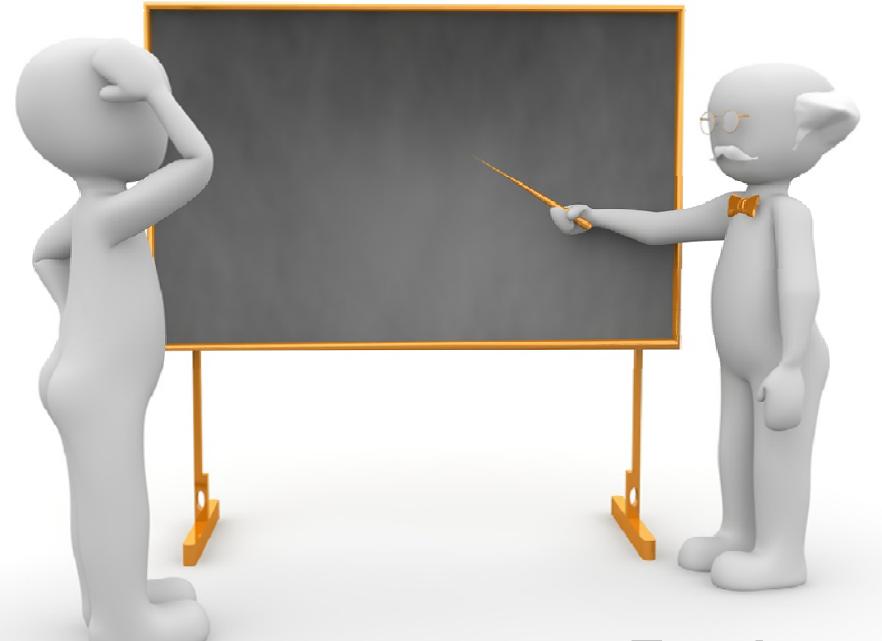


PROBLEMS ENCOUNTERED





Stakeholder



Students

**Teacher
s**



IT Managers





Students

- They found the application very useful ...
- ...when the recommendation is well targeted

Better accuracy





Teachers

- They express reserves about the collected data
- They are also afraid of a mixed-up between automatic recommendation and their own prescription

Respect of privacy
Non commercial use
More trust





IT Manager

- They demand control over the regulatory framework of the personal data collection and their use

Integrity of information system
Security





POSSIBLE SOLUTIONS





Some Ideas

- Openness and Transparency
- Standard and Labels
- Trust (politically supported)





CONCLUSION





D-TRANSFORM
TRANSFORMING
UNIVERSITIES IN THE
DIGITAL AGE



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THANK YOU FOR YOUR ATTENTION

