



# 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  
Adaptive\_Learning Collective\_Intelligence  
Data\_Mining  
Recommender\_System





# Summary

- Case Study
- Problems encountered
- Possible solutions
- Conclusion





# CASE STUDY





# Digital Thematic Universities





# Addressed Issues

- Leverage OER
- Facilitate student access to OER





# Application

Connecté sous le nom « Azim Roussanaly » (Déconnexion)

**U ARCHE**  
Accès aux Ressources et Cours Hébergés sur l'ENT

Accueil > Mes cours > AI Activer le mode édition

Forum des nouvelles

**Section 1**

**2012-2013**

? Qui êtes vous ?

**Présentations**

- Organisation
- Introduction
- Filtrage bayésien
- Filtrage collaboratif
- Filtrage et classification
- Evaluation
- Confiance
- Sécurité

**Recommandations UNT**

**RÉGLAGES**

- Administration du cours
  - Activer le mode édition
  - Paramètres
  - Utilisateurs
  - Filtres
  - Notes
  - Sauvegarde
  - Restauration
  - Importation
  - Réinitialisation





# Some features

- Quality
- Personalized
- Adaptive
- Remedial



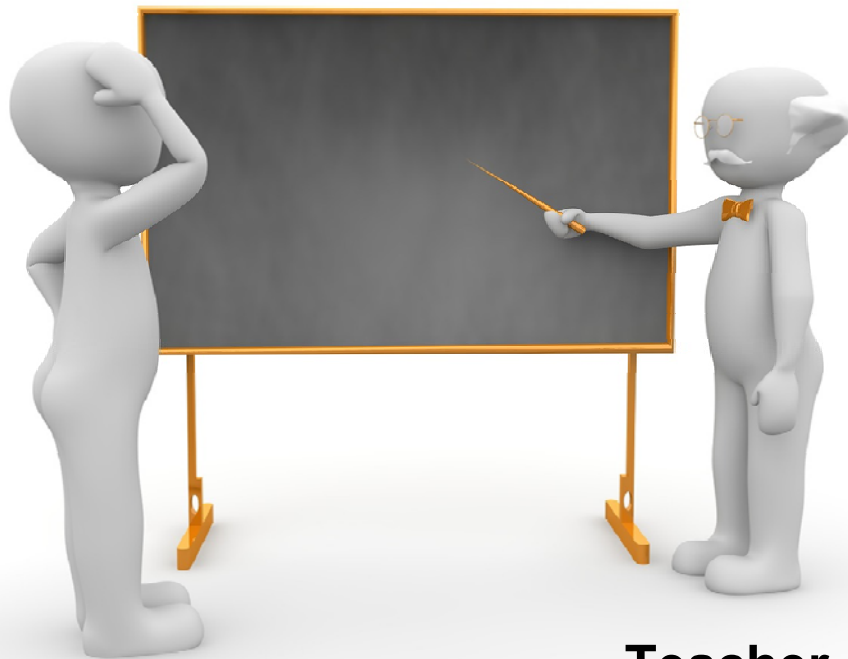


# PROBLEMS ENCOUNTERED





# 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







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# THANK YOU FOR YOUR ATTENTION

