



What do you want to achieve with this group work on learning analytics?

Some suggestions

- Develop an Institutional Strategy
- Implementation plan
- Quality Assurance of a specific solution
- Strengthening Teachers Interests
- Strengthening Students' Interests
- Building a List of necessary Questions to ask about LA and Privacy

LA Modalities (some of them)

Ferguson and Buckingham Shum (2012) introduced five categories of analytics that make use of five partly overlapping classes of data:

- **Social network** (analyzes relationships using data about identifiable persons and their activities, e.g., publishing papers, participating in social platforms, etc.)
- **Discourse** (analyzes language as a tool for knowledge negotiation and construction using full-text data from discussion fora, talk, and other written text sources)
- **Content** (analyzes user-generated content using data from Web 2.0 applications)
- **Disposition** (analyzes intrinsic motivations to learn using a range of activity data, in principle generated by all the tools used by the learner)
- **Context** (considers formal and informal learning based on data describing the contexts within which learning happens, e.g., use of tools, educational setting, groups, etc.)

LA Modality	Student-centred	Institution-centred
Improve completion rates		
Identify at risk students		
Student success model - Student engagement patterns		
Automated content analysis of online discourse		
Social learning analytics		
Multimodal methods (building data from all fields of human activity)		
Learning design with instructor facing LA		
Discourse analysis		
Content word extraction		
Uncertainty detection		
Sentiment analysis		
Linguistic analysis		
Prosodic and spectral analysis		
Others		