



BlueML

The Present & The Future

Presented by:

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Agenda

- **Why BlueML**
- **The Present**
- **Demo**
- **The Future**

Why BlueML

Why BlueML?

- Current process can be cumbersome & extremely time consuming
- Many analysis solutions use general models, treat comments as a one size fits all
- More than reporting, an interactive “comment-first” analytics tool, BlueML dashboard
- Most institutions have a considerable amount of unstructured data gathered through course evaluations and other student surveys

BlueML VS BTA?

- Blue Text Analytics (BTA) allows
 - Student feedback categorization
 - Pattern recognition
 - Sentiment recognition
 - Visualization

Why BlueML

How is BlueML different?

- Purpose built models, with real comments.
- Continuously evolving

SLC Student Learning Categorization	EEC Employee Experience Categorization	ELC Employee Learning Categorization
Quality/delivery	Workload	Instructor
Engagement	Work-life balance	Class-participation
Readings	Job security	Learning activities
Labs	Work at home	Training material
Tutorials/workshops	Discrimination	Expectations/objectives
Difficulty	Diversity	Software

Student Learning Categorization Topics

- ▣ **COURSE COMPONENT** - elements used to refer to a student's plan of study. This section contains topics such as assessment & evaluation, course material & structure, and practical learning.
- ▣ **EXTRACURRICULAR ACTIVITIES** - activities pursued in addition to the normal course of study. This section contains topics such as campus life and student voice.
- ▣ **LEARNING ENVIRONMENT** - the diverse physical locations, contexts, and cultures in which students learn. This section contains topics such as classes, learning atmosphere, learning communities, other resources, and technology.
- ▣ **LEARNING OUTCOMES** - Statements that describe the knowledge or skills students should acquire by the end of a particular assignment, class, course, or program. This section contains additional topics such as career / employment, knowledge, and skills.
- ▣ **MISCELLANEOUS** - topics not included in other sections relating to student learning such as academic support, commute / transportation, expenses / fees, etc.
- ▣ **OTHER ELEMENT** - Statements related to unspecified or unidentified persons or things.
- ▣ **PERSONS** - individuals who provide instruction to students. This section contains topics such as advisors / counselors, guest, lab technician, professor / instructor, staff general, TA / tutor, unspecified person.
- ▣ **TEACHING COMPONENT** - elements used to refer to aspects of providing instruction to students. This section contains topics such as communications, teaching delivery, teaching methods, teaching style.
- ▣ **ATTRIBUTES** - Refers to a quality or an aspect that describes a person, thing, group, etc. This section contains 34 attributes such as agreeableness / approachability, availability, clarity, etc. that help further categorize topics.

Why BlueML

How is BlueML different?

- Unearthing nuances, such as
 - Emotion
 - Recommendations

The Present

The present

ML Dashboard 1.5

- Mixed sentiment type to Polarity models
- Left menu for enhanced navigation
- Alerts model – Beta*
- Exportable comments
 - Categorized, analyzed but not categorized, and recommendations



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Demo

The Future

The Future

- **Insights & Visualizations**

- Trend widgets – visualize improvement over time
- Breakdown demographic widget – Make use of rich demographics
- Dedicated Recommended Topics Widget

- **Integrations & Models**

- SSO Support
- Integration with MTM Dashboard & DE
- Redaction model



Thank you!

