Student-Facing Learning Analytics Values, Principles and Guiding Goals

This document was developed by a working group of post-secondary representatives in Ontario. This is a living document, created to inform the high-level design of a Student-Facing Learning Analytics tool that empowers students to learn from, interpret and act on their own learning data in ways that improve learning experiences throughout their student life cycle.
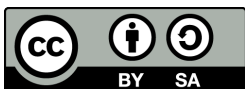
Values

Student Agency — Students should be supported in building the capacity to act independently with available supports for their choices.

Holistic — The student experience should be captured and supported as an entire spectrum.

Inclusive — All students have value, and tools must account for the uniqueness of different student journeys.

Extensibility — Decisions and design should reflect up-to-date research and theory.

Principles

Transparency — Students will be informed of what data are being captured, measured and represented, as well as the purpose and limitations on how data will be used.

Consent — Data will be released to others only upon an informed opt-in consent by the student.

Equity — Processes, models and techniques of the technology will embody fairness and justice for all users.

Privacy — Data analysis and display technologies will comply with all relevant privacy laws and guidelines.

Security — Data will be protected from unauthorized access throughout the entire data lifecycle.

Accessibility — The system will be designed in alignment with accessibility requirements.

Guiding Goals

Personalization — The learning analytics experience will be customized to students' current information needs and the avenues of support to which students have access.

Proactive self-development — The system will guide students toward metacognition and reflective action by providing timely, relevant feedback.

Self-service — Students will be supported in taking control of their own learning journey and accessing their data, and will be guided to appropriate avenues of support to help them make progress.

Integration of existing data — This system will integrate data from existing sources, pulling together a holistic picture of the student in context.

User-friendly — The system and interface will be easy to access, helping students interpret and utilize available functions (as needed) in an efficient manner.