

Analyze learning and performance data across systems, sites, and organizations

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ID	XIG-120
Title	Analyze learning and performance data across systems, sites, and organizations
Actors	Learner record store Analytic system Analyst (ie an individual engaged in evaluation of a learning program or individual, team, organization, or system level performance)
Trigger event	An analyst wishes to evaluate learning or performance data across systems, sites, or organizations
Success end condition	The analyst has access to learning or performance data across systems, sites, or organizations and is able to analyze it, using the data for decision support, quality improvement, formative assessment, and other purposes.
Assumptions	There are applications and instructional systems capable of sending XAPI messages to the LRS; there are no access problems. The XAPI message indicates the system, site, and organization for the experience OR The XAPI message contains sufficient data to join with another data source that contains system, site, or organization for the experience.
Description	Learners across a broad setting engage in activities that are tracked in an LRS using XAPI (XIG-010, 020, 030, 050, 060) The analyst uses the analytic system to view data about learning or performance, analyzing data across systems, sites, and organizations.
Transaction	The analytic system queries the LRS (note they may be the same system or not) and presents data or data visualization to the analyst.
Exceptions	The analytic system cannot access the LRS. No data is presented. The XAPI messages sent do not indicate the system, site, and organization for the experience. The analyst cannot easily produce analytics by system, site, or organization. An XAPI message uses extensions that the analytic system cannot interpret.
Potential Standards	XAPI