Analytics for Learn 4.3.3 is Now Available

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Product: Analytics

Announcement Details:

Blackboard is pleased to announce the general availability of enhancements to the Analytics for Learn (A4L) module for Blackboard Intelligence.

Release Highlights

The enhancements below highlight the key updates made in this new release from new reporting capabilities to updated visualizations and reporting performance improvements.

- **SSRS report redesign for lower resolution screens** – SSRS report visualizations have been adjusted to support lower screen resolutions. Tables with many columns have been redesigned to better fit the screen. Key identification columns on wide tables are frozen, allowing them to remain onscreen while the user scrolls through other columns.

- **SafeAssign** - Analytics for Learn now supports Learn SafeAssign data model changes released in Learn Service Pack 14.

- **Korean language support** - Analytics for Learn 4.3.3 includes support for the Korean language.
For a comprehensive list of bug fixes, features, and improvements, please refer to the 4.3.3 Release Notes.

**Prerequisites**

The following prerequisites must be in place prior to applying this upgrade.

- Analytics for Learn Version 4.3.2 – the upgrade will require version 4.3.2 of the A4L module to be installed and operational.
- Learn 9.1 must have Service Pack 13 or higher installed

**New Features and Enhancements**

- SSRS Reports - Show message to indicate empty data set
- Add Instructor Last Course Access Date, and Days Since Last Access info to FactCourseSummary
- Clean up RS procedures from relics of sparklines
- Revise the code handling list of SSRS Languages in HEAdmin
- Activity Load Indicators
- Investigate the behavior of SSRS reports at managed hosting
- ETLHelperUpdateCourseItemAccessedIndicatorFact optimization
- Final.DimDateExtendedView performance issue caused by HEA.TranslateText
- Ignore post-timeout activity
- Analytics Last Course Access Date different from Learn
- SSRS reports design changes POC
- SSRS Performance - Course and Student At a Glance
- Redesign A4L reports for lower resolution
- Redesign Advising reports for lower resolution
- Redesign Mobile Learn reports for lower resolution
- Redesign Integrated reports for lower resolution
- Learn Use By College report display data different from its drill - investigation
- Custom styles not working properly in Integrated report Activity & Grade Scatter Plot
- SSIS - multiple Linked server checks
- Course availability check in Mobile Learn Course Use By College
- Do not show repeat student activity
- Invalid Colors in Activity Matrix Details Drill

**Resolved Issues**

- FactCourseItems - Populate DateCreated for all of item type categories
- Integrated Reports not displaying (specifically Learn Course at a Glance)
- iBBLA 4.3.2 - Activity Fact Source count diffs - Source Count View logic not in
- synch with transform view logic
- Source table truncation in the HEA.WebServiceExtractSource
- Replace varchar values with nvarchar in HEA.RSMobileLearnCourseUse and
- HEA.RSGlobalExceptionReport
- Logic flaw with DimCourse IsCourseOpenToStudentsIndicator
- Baseline DB missing Banner predicates for source table extracts
- Content activity measures incorrect
- Data duplication issue because of custom hyperlinks in SSRS 2012
- Hotfix for SafeAssign functionality
- A4L reports not showing colors in Firefox browser
- Arithmetic overflow in Stage.ViewFactStudentCourseSummary
- Student Class Level not Calculating Correctly
- Activity Matrix & Activity Matrix Details Drill reports returns 0 for all record
  - with activity type "Course Accesses"
- Create new version of hotfix and include latest changes
- FactSubmission.SubmissionDate datatype inconsistency
- Inconsistency in Grade Center Total Score calculation
- Duplicity issue in DimGradeCenterColumn caused by ETLHelperExtractGradeCenter
- Exclude elapsed time of login access from course access minutes
- Custom styles of some objects in Activity Matrix are not working
- Access minutes with too low values
- Duplicity issue in DimGradeCenterColumn
- Performance issue of translations in Stage.HelperStudentAttributeByDateExtract
- RS CourseFilter for InstructorCourses returns incorrect data set
- Custom styles of some objects in Activity Matrix Details Drill are not working
- SSRS report Learn Course Use Drill ignores Course Status parameter
- Update of AcademicStandingCode in Stage.HelperSISStudentAttributeByDateExtract
  - is based on non-deterministic results
- Ignore activities with invalid content relationship
- Incorrect graded_attempt_date calculation
- Activity of user who is marked for removal is not removed during processing
  - of historical activity
- Duplicate values in Stage.ViewDimCourseRoleTransform
- FactStudentCourseSummary.LastAccessDateKey doesn’t correspond to
  - COURSE_USERS.LAST_ACCESS_DATE
- Hotfix 123 won’t update HEA.RSLearnCourseUseCourseLevel stored procedure
- Source.Term has incorrect definition of column pk1
- Hotfix 114: Incorrect NULL value handling and different system collation handling
- in Stage.ETLHelperUpdateCourseItemAccessedIndicatorFact
- FactForumSubmissions - Missing DateModified in DQF duplicate check
- Incorrect description for x-bb-lesson content item type
- Indicate course item access only if exists access within session
- Stage.SourceCourseTool support for datetime2 to avoid out-of-range failure
- Handle Content Type for Activities on Contents Removed from Learn
- Custom styles not working properly in Integrated report Activity & Grade Scatter Plot
- Learn Use By College report display data different from its drill - implementation
- Course availability check in Mobile Learn Course Use By College
- Repeat student activity in Activity Matrix fix
- Invalid Colors in Activity Matrix Details Drill

**Client Deployment Recommendations**
A small consulting engagement will be required in order to upgrade to the new enhancements in Version 4.3.3. The extent of the client customizations required and the amount of work needed to implement will depend on the current version of Analytics for Learn (A4L) being run by the client, as well as on institutional setup and processes. This may require additional services.

Clients interested in deploying the upgrade should contact their Blackboard Client Manager to arrange for a scoping call to plan and schedule the required Services.