Session Information

Please confirm the following information then press the Confirm Button

Co-presenters: No Co-presenters

Session Title: Learner Analytics via the Cloud: Sophisticated Statistics Made Easy

Session Description: This session will explore and demonstrate, live, how the College of Osteopathic Medicine of the Pacific (COMP) integrates over a dozen disparate data sources, extracts, transforms, and loads the data in real time, and is able to instantly do massive, per cohort, partial correlation, multiple regression, and ANOVA analysis. COMP can analyze any academic performance variable with any other, including per exam, per course, per licensing exam, per demographic analysis, etc., via an access controlled web interface. The current and continually growing data set covers seven academic years (DO 2008 through DO 2011) and over 1,500 students and graduates. Typical month long studies now take seconds, so that follow-on question may be repeatedly asked to find trends, and then use that information to feed back into and modify the candidate admissions and student education process.

Program Description: This session will explore how the College of Osteopathic Medicine of the Pacific has culled together over a dozen disparate data sources, extracts, transforms, and loads the data in real time, and is able to instantly do massive, per cohort, partial correlation, multiple regression, and ANOVA analysis, via an access controlled web interface.

Session Format:

Additional Information:

Consider for Poster:

Track:

Additional Equipment: Live Internet connection for demonstration.

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