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3-1-2010

Microsoft Enterprise Consortium How To's for the Classroom

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Recommended Citation

Tutorial and Workshop Proposal for AMCIS 2009

Submission Date:	March 1, 2010
Workshop/tutorial Title:	**Microsoft Enterprise Consortium** **How To's for the Classroom**
Duration:	( ) Full Day (x) Half Day
Classification:	( ) Tutorial (x) Workshop

Abstract

Practical workshop that includes presentations and "hands on" use of examples and exercises utilizing the Microsoft Enterprise Consortium hosted at the University of Arkansas Sam M. Walton College of Business Enterprise Systems. Industry partners of the Enterprise Systems program at the Sam M. Walton College of Business have donated computing systems and multiple, large-scale datasets for instructional use – Sam's Club (6 tables and over 55 million rows of POS transactions for 18 stores), Dillard's Department Stores (5 tables with a transactions table of 120 million rows), Tyson Foods, and Wal-Mart RFID data sets.

This workshop provides faculty "How To's" that can be incorporated into a wide variety of courses that include topics on databases, data warehousing, business intelligence and decision making. The Microsoft Enterprise Consortium includes the full SQL Server 2008 Management Studio and Business Intelligence Development Studio. Further, this Consortium includes access to the large datasets referenced above plus a number of datasets corresponding to database and data mining texts.

Workshop Leader Information (Please attach a copy of your resume in your email submission)

Name:	Dr. David E. Douglas
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Speakers' background, description of workshop, and envisioned activities during the workshop (please provide information for each speaker)

Detailed Description: All three presenters have conducted workshops on these topics in a variety of locations in a number of global locations including China, Mexico, US and Europe. The leaders have authored a number of the tutorials available on the Microsoft Enterprise Consortium Website:

http://enterprise.waltoncollege.uark.edu/mec.asp

Participation - Workshop Outline: (Includes "hands-on" exercises)

- Microsoft Enterprise Consortium Overview
    - o How to access
    - o Explore data resources
- SQL Server 2008 Basics
    - o Creating tables
    - o Basic SQL
    - o Advanced SQL
- Analysis Services –
    - o Data Warehouse
        - ▪ Cube concepts—fact tables and dimensions
        - ▪ Slicing and dicing existing cubes
        - ▪ Building cubes and setting KPI's
    - o Data Mining – Decision Making
        - ▪ Data Mining Overview
        - ▪ Directed (Supervised) examples
        - ▪ Non-Directed (Non-Supervised) examples
        - ▪ Data mining with Excel
    - o Reporting Services
        - ▪ Reporting examples

Special Requirements

Note: Regular equipment includes a computer, projector and screen.

( ) Computers

(x) Internet Access (Broadband)

( ) Others, Please specify: ___remote access enabled_____

Audience

Insert a description of likely participants

Maximum number of participants:_____30_____

Specify the requirements for the audience such as computer, special software, and Internet access etc., in the following:

Laptops with Internet access and remote access connection enabled