

Student Analytics Data Mart - Basic

Course Time: 150 min.	07/13/05
	<p>1) Learner Outcome: Upon completion of this training the learner will be aware of the various features and functions of the Student Analytics Data Mart. They will also demonstrate the essential skills needed to run queries and interpret the data presented.</p> <p>a) Task: Initiate and complete the formatting and execution of a Student Analytics query.</p> <p>b) Condition: The student receives a step by step guide listing the requirements for formatting and submitting an eReports query against the Student Analytics Data Mart.</p> <p>c) Standard: The student will succeed in doing this task with minimal assistance by using the provided documentation.</p>
Time: 10 min	<p>2) Introduction: Welcome everyone to the class. Introduce all presenters and give background. Ask participants to introduce themselves and share their name, how they use student data in their work, and one thing they hope to learn in the class.</p>
Time: 3 min	<p>3) Objective: As participants introduce themselves and share information about their use of student data, instructors point out ways that this is covered in the training where possible.</p>
Time: 2 min	<p>4) Course Requirements: Success in this course is demonstrated by the learner knowing the uses and purposes of the tools presented, and successfully completing at least one of the exercises in class.</p>
Time: 5 min	<p>5) Course Description: This course provides Data Warehouse conceptual and functional information. It includes training on the basic features of the data analysis tools and documentation on how to use them. The topics covered include training about:</p> <p>a) Student Data Warehouse concepts</p> <p>b) eReports system setup and operation</p> <p>c) Metadata access and use</p> <p>d) Examples and practice using Student Analytics queries and reports.</p>

	6) Instructional Outline
Time: 10 min	<p>a) First learning Point: Data Resources at Ohio State.</p> <ul style="list-style-type: none"> i) Presentation using diagrams and verbal information to provide definitions, purposes and descriptions of all student related data resources at the university. ii) Question participants about their current knowledge and use if any of the resources being described. Many will have experience with the ODS and related services.
Time: 5 min	<p>b) Second Learning Point: Security Considerations and Requirements Regarding Student Data.</p> <ul style="list-style-type: none"> i) Present the University's Privacy Policy on Responsible Use of Student Data. ii) Direct participants to OUR for information about FERPA and related policies. iii) Alert participants to the fact that their SA access means they will be required to take FERPA training if they haven't already done so.
Time: 10 min	<p>c) Third Learning Point: Using Metadata</p> <ul style="list-style-type: none"> i) Present information on the purposes and uses of metadata. ii) Demonstrate the metadata resources related to the Student Analytics Data Mart.
Time: 5 min	<p>d) Forth Learning Point: Data Cylce Points</p> <ul style="list-style-type: none"> i) Present detailed information on the data cycle points that comprise the Student Analytics Data Mart including their definitions and unique characteristics. ii) Query participants on the significance and unique purposes of various cycle points.
Time: 10 min	<p>e) Fifth Learning Point: Getting Started with eReports</p> <ul style="list-style-type: none"> i) System requirements ii) Security and Login iii) Portal Page features iv) Launching queries

<p>Time: 10 min</p>	<p>f) Sixth Learning Point: Enrollment by College and Major</p> <ul style="list-style-type: none"> i) Description and Purpose of the Query ii) Inputs required to execute iii) Default values iv) Functional Buttons on screen <ul style="list-style-type: none"> (1) Clear Home Filters (2) See Active Filters (3) Choose More Filters (4) Process Request v) Additional Filtering Options vi) Run query and review content, navigation, and revision of pivot
<p>Time: 10 min</p>	<p>g) Seventh Learning Point: New Student Enrollment</p> <ul style="list-style-type: none"> i) Description and Purpose of the Query ii) Inputs required to execute iii) Default values iv) Functional Buttons on screen <ul style="list-style-type: none"> (1) Clear Home Filters (2) See Active Filters (3) Choose More Filters (4) Process Request v) Additional Filtering Options vi) Run query and review content, navigation, and revision of pivot

Time: 10 min	<ul style="list-style-type: none"> h) Eighth Learning Point: Degrees Pursued and Conferred <ul style="list-style-type: none"> i) Description and Purpose of the Query ii) Inputs required to execute iii) Default values iv) Functional Buttons on screen <ul style="list-style-type: none"> (1) Clear Home Filters (2) See Active Filters (3) Choose More Filters (4) Process Request v) Additional Filtering Options vi) Run query and review content, navigation, and revision of pivot
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Time: 30 min	<ul style="list-style-type: none"> 7) Elicit performance (practice) and provide feedback: <ul style="list-style-type: none"> a) Participants practice the skills by working through a data query that answers a question they have brought to the class, or by redoing on of the previous exercises using their own college or department rather than the examples given. b) The trainer (and facilitator if present) circulate throughout the room and provide support and to share relevant individual learning with the class.
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Time: 20 min	<ul style="list-style-type: none"> c) Review: Major Lessons Learned <ul style="list-style-type: none"> i) A wide variety of data resources exists at the university whose use requires a range of technical and data analysis skills. ii) The data available via eReports and the Student Data Warehouse are historical in nature and suitable for viewing trends over time. iii) The Student Analytics Data Mart provides access to detailed information on enrollments and majors without requiring advanced data skills. iv) Results derived from executing the pre-built queries found in the Student Data Marts can be exported and used in other systems such as Excel and Filemaker Pro.
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Time: 10 min	8) Evaluation: All participants complete a form that captures their reaction to the training. Learner evaluation is accomplished through questioning and observation.
	9) Retention and Transfer: All resources and content provided in the training is also available online through Carmen.