

# Program-Level Assessment Plan

Program: MS Analytics	Degree Level (e.g., UG or GR certificate, UG major, master’s program, doctoral program): master’s program
Department:	College/School: School for Professional Studies
Date (Month/Year): 06-20	Primary Assessment Contact: Srikanth Mudigonda

Note: Each cell in the table below will expand as needed to accommodate your responses.

#	Student Learning Outcomes	Curriculum Mapping	Assessment Methods		Use of Assessment Data
			Student Artifacts (What)	Evaluation Process (How)	
	<p>What do the program faculty expect all students to know or be able to do as a result of completing this program?</p> <p>Note: These should be measurable and manageable in number (typically 4-6 are sufficient).</p>	<p>In which courses will faculty intentionally work to foster some level of student development toward achievement of the outcome? Please clarify the level (e.g., introduced, developed, reinforced, achieved, etc.) at which student development is expected in each course.</p>	<p><b>Student Artifacts (What)</b></p> <ol style="list-style-type: none"> <li>Which student artifacts will be used to determine if students have achieved this outcome?</li> <li>In which courses will these artifacts be collected?</li> </ol>	<p><b>Evaluation Process (How)</b></p> <ol style="list-style-type: none"> <li>What process will be used to evaluate the student artifacts, and by whom?</li> <li>What tools(s) (e.g., a rubric) will be used in the process?</li> </ol> <p>Note: Please include any rubrics as part of the submitted plan documents.</p>	<p><b>Use of Assessment Data</b></p> <ol style="list-style-type: none"> <li>How and when will analyzed data be used by faculty to make changes in pedagogy, curriculum design, and/or assessment work?</li> <li>How and when will the program evaluate the impact of assessment-informed changes made in previous years?</li> </ol>
1	<p>Graduates will be able to employ research methodologies appropriate for the field of analytics</p>	<p>AA 5221, AA 5223, AA5223, AA 5300/5750/5800, AA 5950/5963 (final credit hour(s) of the master’s research project).</p>	<ol style="list-style-type: none"> <li>Final projects, submitted at the end of each course.</li> <li>In each of the courses listed in the second column.</li> </ol>	<ol style="list-style-type: none"> <li>Rubrics associated with the final project will be used for assessing these artifacts. The course instructors for the respective courses will be evaluating these artifacts.</li> <li>Rubrics shared alongside this document as separate PDFs.</li> </ol>	<ol style="list-style-type: none"> <li>Data will be collected and analyzed either annually, or once every two years, depending on whether changes were made to any of the courses as a result of the previous year’s assessment process.</li> <li>Changes to the curriculum will be made during a current year, following the</li> </ol>

					results of analyzing data from the previous year/cycle, and the effect of the changes will be assessed during the subsequent year.
2	Graduates will be able to apply program-specific knowledge to address practical problems using an ethical, evidence-based framework.	AA 5221/5222/5223, ORLD 5050/5750, AA 5950/5963 (final credit hour(s) of the master's research project).	<ol style="list-style-type: none"> <li>1. Final projects, submitted at the end of each course.</li> <li>2. In each of the courses listed in the second column.</li> </ol>	<ol style="list-style-type: none"> <li>1. Rubrics associated with the final project will be used for assessing these artifacts. The course instructors for the respective courses will be evaluating these artifacts.</li> <li>2. Rubrics shared alongside this document as separate PDFs.</li> </ol>	<ol style="list-style-type: none"> <li>1. Data will be collected and analyzed either annually, or once every two years, depending on whether changes were made to any of the courses as a result of the previous year's assessment process.</li> <li>2. Changes to the curriculum will be made during a current year, following the results of analyzing data from the previous year/cycle, and the effect of the changes will be assessed during the subsequent year.</li> </ol>
3	Graduates will be able to implement analytics systems that facilitate context-appropriate decision making.	AA 5000/5100/5200/5250/5300/5750/5800, AA 5950/5963 (final credit hour(s) of the master's research project).	<ol style="list-style-type: none"> <li>1. Final projects, submitted at the end of each course.</li> <li>2. In each of the courses listed in the second column.</li> </ol>	<ol style="list-style-type: none"> <li>1. Rubrics associated with the final project will be used for assessing these artifacts. The course instructors for the respective courses will be evaluating these artifacts.</li> <li>2. Rubrics shared alongside this document as separate PDFs.</li> </ol>	<ol style="list-style-type: none"> <li>1. Data will be collected and analyzed either annually, or once every two years, depending on whether changes were made to any of the courses as a result of the previous year's assessment process.</li> <li>2. Changes to the curriculum will be made during a current year, following the results of analyzing data from the previous year/cycle, and the effect of the changes will be assessed during the subsequent year.</li> </ol>

4	Graduates will be able to utilize argumentation skills appropriate for a given problem or context.	AA5000/5250 ORLD 5050/5700, AA 5950/5963 (final credit hour(s) of the master's research project).	<ol style="list-style-type: none"> <li>1. Final projects, submitted at the end of each course.</li> <li>2. In each of the courses listed in the second column.</li> </ol>	<ol style="list-style-type: none"> <li>1. Rubrics associated with the final project will be used for assessing these artifacts. The course instructors for the respective courses will be evaluating these artifacts.</li> <li>2. Rubrics shared alongside this document as separate PDFs.</li> </ol>	<ol style="list-style-type: none"> <li>1. Data will be collected and analyzed either annually, or once every two years, depending on whether changes were made to any of the courses as a result of the previous year's assessment process.</li> <li>2. Changes to the curriculum will be made during a current year, following the results of analyzing data from the previous year/cycle, and the effect of the changes will be assessed during the subsequent year.</li> </ol>
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#### Additional Questions

1. **On what schedule/cycle will faculty assess each of the program's student learning outcomes? (Note: It is not recommended to try to assess every outcome every year.)**  
Two learning outcomes will be assessed each year, based on the current evaluation plan and, if needed, any changes necessitated in re-prioritizing due to changes to the curriculum or any contingency that may have arisen during the previous evaluation cycle year.
2. **Describe how, and the extent to which, program faculty contributed to the development of this plan.**  
The program has a single full-time faculty member associated with it. This individual is the director of the program. Assessment of learning outcomes, making revisions to the curriculum, and associated tasks are part of this individual's assigned responsibilities.

**IMPORTANT: Please remember to submit any rubrics or other assessment tools along with this plan.**