

## Program-Level Assessment: Annual Report

Program: Post-baccalaureate certificate in Analytics	Department:
Degree or Certificate Level: Post-baccalaureate/graduate	College/School: School for Professional Studies
Date (Month/Year): June 2021	Primary Assessment Contact: Srikanth Mudigonda
In what year was the data upon which this report is based collected?	
Summer 2020, Spring 2021	
In what year was the program's assessment plan most recently reviewed/updated?	
2021	

### 1. Student Learning Outcomes

Which of the program's student learning outcomes were assessed in this annual assessment cycle?

The learning outcome assessed during this cycle is, *Graduates will be able to implement analytics systems that facilitate context-appropriate decision making.*

We assessed this last year as well. Re-doing it because of the importance of this in terms of preparing students for employment in professional areas associated with analytics.

### 2. Assessment Methods: Student Artifacts

Which student artifacts were used to determine if students achieved this outcome? Please identify the course(s) in which these artifacts were collected. Clarify if any such courses were offered a) online, b) at the Madrid campus, or c) at any other off-campus location.

The final projects that students submitted as part of: (a) AA 5300: Advanced Analytics; (b) AA 5800: Simulation and modeling.

"AA5800-project-rubric.pdf"), it was evident that there was a struggle with creating/adapting the code needed for



pre-requisite to AA 5300 and AA 5800. During the current academic year, changes were made to AA 5300 to address the needs for revision that were discovered during the previous assessment cycle. The current version appears to have resulted in a better learning experience for the students. Additionally, weaknesses discovered as part of assessment associated with AA 5800 during the 2020-21 assessment cycle will be addressed in the current (i.e., summer 2021) iteration of the course, and the results will be assessed.

**B.** How has this change/have these changes been assessed?

As explained previously in this document, the changes made to AA 5000 and AA 5300 led to positive outcomes – this conclusion is limited in its applicability by the fact that not all students in the PBC in Analytics may choose to take AA 5300 (or AA 5800) as an elective.

**C.** What were the findings of the assessment?

Please see part A above.

**D.** How do you plan to (continue to) use this information moving forward?

Please see part A above.

**IMPORTANT:** Please submit any assessment tools and/or revised/updated assessment plans along with this report.



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