

## Description of Modules & Course Alignment

| Module Name                                                          | Short Description                                                                                                                                                                                                                            | Has Pre/Post Tests?                                 | Ideal Course Placement                     |
|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|--------------------------------------------|
| <a href="#">Text Classification: Exploring AI in ELA with StoryQ</a> | Students unpack and build a machine learning model that can predict the sentiment in restaurant reviews. Students draw on their ELA skills to decide which features to include and make sense of model errors.                               | No                                                  | 8-12 ELA, Computer science, AI Specialty I |
| <a href="#">AI Text Generation for ELA</a>                           | Students explore their own decision-making process as writers as they learn the fundamentals of AI text generation. Students leverage their ELA skills, such as close reading, authorship, and grammar, as they learn how AI generates text. | Yes!<br><a href="#">Pre</a><br><a href="#">Post</a> | 9-12 ELA                                   |
| <a href="#">Math and AI</a>                                          | Students apply the math they know to design, build, test, and iteratively improve an AI model that can identify sentiment in customer reviews. Students learn to model language as they explore AI text classification.                      | Yes!<br><a href="#">Pre</a><br><a href="#">Post</a> | Algebra I                                  |
| <a href="#">AI-Powered Historians</a>                                | Students learn how to use and interpret an AI model to enhance document-based historical analysis. This module uses a dataset from mid-1900s America.                                                                                        | Yes!<br><a href="#">Pre</a><br><a href="#">Post</a> | U.S. History, Government, Ethnic Studies   |
| <a href="#">AI is Everywhere</a>                                     | In this self-paced module, students choose AI models of interest to learn more about as they dig into how the world is changing as a result of AI.                                                                                           | No                                                  | Any                                        |
| <a href="#">AI for the Real World</a>                                | Students apply their new knowledge of AI to help professionals improve their job performance and to solve any real-world problem of their choosing. This short module can be used in conjunction with any of the previous four.              | No                                                  | Any                                        |
| StoryQII Surveys                                                     | These pre and post surveys are designed to measure changes in students' attitudes toward AI, their self-efficacy, and their learning gains when participating in 2+ modules.                                                                 | Yes!<br><a href="#">Pre</a><br><a href="#">Post</a> | Interdisciplinary                          |