# GSA AI/ML EULA Challenge
# Rubric for Judging Submissions

This rubric will be used by judges in evaluating submissions, but they will also be encouraged to apply their own technical and domain expertise and considerations in the scoring process.

| Criterion | Scores (1-5) | | |
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| | **Sample Score of 5** | **Sample Score of 3** | **Sample Score of 1** |
| **Accuracy and Technical Evaluation (40%)** | Solution accurately classifies clauses as acceptable or unacceptable using the Validation Data File.<br><br>The Description of Methods provides a comprehensive description and demonstration of the data, methods, and software used in the solution.<br><br>The Description of Methods clearly explains the reasons for predictions made using the validation data. | Solution is moderately accurate in classifying clauses using the validation data.<br><br>The Description of Methods provides some description of data, methods, and software used, but is not comprehensive and does not provide a demonstration.<br><br>The Description of Methods has explanations of reasons for predictions, but they are not clear or complete. | Solution does not accurately classify clauses using the validation data.<br><br>The Description of Methods is incomplete or missing.<br><br>The Description of Methods does not explain the reasons for predictions made using the validation data. The solution is a "black box". |
| **Functionality & User Interface (30%)** | The solution accepts a EULA document in either PDF or MS Word format.<br><br>The solution successfully | The solution accepts a EULA document in one of the following formats: PDF or MS Word format. | The solution does not accept a EULA document in PDF or MS Word format.<br><br>The solution does not parse |

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| | parses documents into individual clauses for evaluation.<br><br>For each individual clause, the solution reports:<br>- A prediction of acceptable or unacceptable<br>- The probability that the clause is classified as acceptable (0)<br><br>The user interface of the solution is realistic and usable by a business user. | The solution somewhat successfully parses the document into individual clauses for evaluation.<br><br>For each individual clause, the solution reports acceptable or unacceptable along with a prediction probability.<br><br>The user interface is somewhat usable but is in need of improvement. | the document into individual clauses for evaluation.<br><br>The user interface is missing or unusable by a business user. |
| Creativity and Innovation (10%) | The solution provides an innovative approach to solve the issues presented.<br><br>The solution provides creative solutions to overcome limited training data available, such as:<br>- Transfer learning from additional GSA provided data.<br>- Incorporation of additional exhibits provided by GSA.<br>- Identifying and using | The solution provides a somewhat innovative approach to solve the issues presented.<br><br>The solution provides a somewhat creative solution to overcome the limited training data. | The solution is basic in nature.<br><br>The solution does not provide creative solutions to overcome the limited amount of training data available. |

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| | additional public sources of data that are relevant to the solution. | | |
| Quality of Demonstration (20%) | The Solution Demonstration clearly provides a high level view of its functionality, purpose and usage.<br><br>The Solution Demonstration exhibits an understanding of the goals of the user.<br><br>The Solution Demonstration exhibits an understanding of difficulty caused by limited training data.<br><br>The Solution Demonstration is attractive and professional in presentation.<br><br>The Solution Demonstration uses multimedia, graphics, or video to engage the judges. | The Solution Demonstration provides a somewhat clear view of its functionality, purpose and usage.<br><br>The Solution Demonstration exhibits some understanding of the goals of the user.<br><br>The Solution Demonstration exhibits some understanding of difficulty caused by limited training data.<br><br>The Solution Demonstration is somewhat attractive and professional in presentation.<br><br>The Solution Demonstration uses some multimedia, graphics, or video to engage the judges. | The Solution Demonstration does nott explain the functional, purpose, or usage.<br><br>The Solution Demonstration does not exhibit an understanding of the goals of the user.<br><br>The Solution Demonstration does not address limited training data.<br><br>The Solution Demonstration is not attractive or professional.<br><br>The Solution Demonstration does not use any multimedia, graphics, or video to engage the judges. |

**Bonus: Advanced techniques (Optional 0-5% points)**

Prize Judges will have the option to recommend up to 5% bonus points on the total score for exceptional functionality of greater difficulty, including: methods of retraining the model based on user review, and methods to explain the reason for individual clauses that were predicted to be unacceptable.

**Total Possible Score = 105/100 (including bonus points)**