IMAGE IDENTIFIER

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|  | **Expectations** | **Excellent** | **Good** | **Improving** | **Getting Started** | **Evidence** |
| **Process (PART 1):**Describe Your Team’s Design Process | **Research Process:**We included evidence that our solution was informed by research, evaluation of existing solutions, and the needs of our ‘users.’ |  |  |  |  |  |
| **Iteration:**We shared specific examples of how our solution evolved from our initial ideas. |  |  |  |  |  |
| **Benefits and Limitations:**We described how our solution offers benefits and accounts for limitations in meeting the Challenge. |  |  |  |  |  |
| **Viability:**We demonstrated the viability of our solution using the Key Business Proposition. |  |  |  |  |  |
| **Image Identification (Part 2):**How does your product use machine learning for image identification? | **Training Classifications:**We described the classifications of images used in our machine learning model. |  |  |  |  |  |
| **Role of Classifications:**We described the role the classifications play in our product |  |  |  |  |  |



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|  | **Expectations** | **Excellent** | **Good** | **Improving** | **Getting Started** | **Evidence** |
| **Machine Learning Model (Part 2):** How does your machine learning model identify images? | **Prototype:**We provided a prototype of our machine learning model. |  |  |  |  |  |
| **Model Improvement:**We demonstrated that our prototype has been through multiple training sessions by summarizing at least two sessions in the Machine Learning Training Log. |  |  |  |  |  |
| **Effectiveness Documentation (Part 2):**How will you report the effectiveness of your machine learning model? | **Correct Identification:**We documented the probability of correct identification of the images after each training. |  |  |  |  |  |
| **Conditional Probabilities of Success:**We calculated conditional probabilities of correctly identifying different subcategories of images after each training. |  |  |  |  |  |
| **Retraining Plan:**We explained what our plan was for how to improve the conditional probabilities through the process of retraining our model. |  |  |  |  |  |

