

Technical Brief Rubric

	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.					
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.					

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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.					