Google has developed a set of Explorables that illustrate key ethical and social issues and challenges surrounding machine learning.

Please work through the Explorable on Measuring Diversity and prepare a reflection that addresses the following questions:

- Not surprisingly, it can be hard to balance against multiple diversity metrics in a complex population. We see that there is no one technique or approach that will always work. Why is this? In particular, why can we not say that lowest max difference is better or worse than lowest mean difference?

- The construction worker example illustrates that inclusion is more complex than just counting characteristics of an image. How might we apply AI to better arrange these search results?

- A conclusion of this explorable is the need to intentionally consider how diversity and inclusion are measured. What might that look like in practice? How might you incorporate this into projects in this or other classes?

Work referenced: Measuring Diversity. PAIR.

https://pair.withgoogle.com/explorables/measuring-diversity/