

Ethics statement:

1) students names: raz Shemesh and tomer Ashkenazi.

Project title: small footprint ZERO\few shot KWS in hebrew

Project description: the project's goal is to classify words with very minimal training and data base (few shot). Based on much larger generic word classifier model.

2) listing 3 types of stakeholders that would be affected by the project:

❑ **Data Scientists and Machine Learning Engineers:** These professionals are responsible for developing, training, and fine-tuning the model. They design the architecture, select appropriate algorithms, and ensure the model's performance.

❑ **End Users:** Individuals or organizations that will utilize the word classification model in their applications or workflows. Their feedback is crucial for refining the model to ensure it meets practical needs and usability standards.

❑ **Project Managers and Product Owners:** They oversee the project's progress, manage resources, and ensure alignment with business goals. Their role includes facilitating communication among stakeholders and addressing any challenges that arise during development.

What will an explanation that is given to each stakeholder look like? (1 paragraph max):

**Data Scientists and Machine Learning Engineers:** "Our project focuses on developing a word classification model that operates efficiently with minimal training data. By leveraging few-shot and transfer learning techniques, we aim to build upon existing large-scale language models to achieve accurate classifications even in data-scarce scenarios. Your expertise in

model architecture design and fine-tuning will be pivotal in navigating the challenges associated with limited data and ensuring robust performance."

**Who is responsible for giving the explanation to each stakeholder? (1 paragraph max):**

In a machine learning project, the responsibility of communicating explanations to stakeholders typically falls to the **Project Manager**. The Project Manager serves as the central point of contact, ensuring that each stakeholder group—Data Scientists and Machine Learning Engineers, End Users, and Product Owners—receives tailored information pertinent to their roles and interests. This approach facilitates clear communication, aligns expectations, and promotes effective collaboration across all parties involved.

**3) What do you think needs to be added/changed in the Generative AI responses, to make the explanation more ethical? (1 paragraph max):**

What is ethical and what isn't, is a subjective matter, therefore in my opinion in order to make AI more ethical we should train the model on a wide variety of people with different backgrounds, occupations and so on. That would increase the variety of responses the model would receive and would make him more ethical.