

Case study Machine Learning Engineer



Pivony is a SaaS platform that helps companies uncover ever evolving customer expectations. Pivony provides key insights for business to spare them long hours of reading and trying to understand customer reviews.

Task explanation

In this task, you are invited to do an AutoML implementation. You will use the multi-label text classifier explained in this post.

<https://github.com/dtolk/multilabel-BERT>

You will **design** and **create** a system which enables continuous learning through the feedback data. This task is open-ended, you can either use an existing AutoML framework, or create your own system.

You can use any dataset you find on the Internet. An example dataset is here.

<https://www.uco.es/kdis/mlresources/#20NGDesc>

The expected output is

- A clear explanation of how the system works - PDF or Google Slides
- Python codes - a GitHub repository
- 5 minutes video explanation with screen recording, camera on, voice. You can use loom.com for recording.

Deadline of Task: 1 week

Good luck and happy learning!!

Pivony Team