GymBeam

Case Study - Junior PHP Developer

@ 2023, Level 1

This case study is part of the GymBeam interview process for a Junior PHP software developer role. Please read carefully the instructions, and send the case study result to dominika.trochanova@gymbeam.com within 72 hours.

Objective

The objective of the case study is to process a dump of GymBeam's product descriptions from a CSV file, and perform a textual and sentiment analysis.

Description

1. Download the CSV file containing a dump of GymBeam's product descriptions.
2. Write code to:
   - Find the most positive and the most negative product description of selected GymBeam products.
   - Print/render the product names and descriptions.
3. In your code, use a public API or any 3rd-party library to determine the sentiment of a given text. The sentiment score tells you whether the text is more positive or negative.
4. Use PHP programming language.

Output

Choose how to deliver the result code:
1. You can use Replit as an IDE, and share code easily with us.
2. Share a new Git repository.
3. Send us the source code files by email.

Expect to spend approx. 3 hours on this case study.

Let us know at dominika.trochanova@gymbeam.com that the case study is ready. You will hear from us in 3 working days.

Good luck!