

# Aliz

## ML challenge

### Find financial booms

Predicting and exploiting the next big opportunity is key to the democratization of finance. Your solution will have not only to find the next big craze but also to convince the users and guide them through the process.

#### Introduction to the Challenge

Every few months people can read about the next big financial craze, but only seldom can they get to profit from it. A key milestone in the democratization of finance is not merely allowing but helping everyone to get in on these booms.

This challenge aims at creating a solution that can find the next big craze by keeping an ear on social media, news and relevant reports, then guide the user through the process of getting in by automatically parsing existing guides available on the internet. As such, the ideal solution consists of two parts. One monitor's social media and warns the user about financial booms worthy of getting into. The other part either shows guides or integrates with different platforms to directly facilitate the necessary transactions. In the first case, it searches for guides on how to get into an existing boom and creates summarized, easily readable guides to follow and presents these to the user in a clear, concise manner.

#### Who we are?

Aliz is a team of technology experts helping companies face future challenges by building data infrastructure and automation on Google Cloud. We provide data, machine learning, and infrastructure solutions to automate our clients' operations and modernize businesses to drive revenue growth. We are committed to bringing machine learning to as many people as possible, with a strong emphasis on the ethical principles of safe AI.

#### What we will provide

One of Aliz's most prominent areas of expertise is in Cloud and Machine Learning technologies. Our skills are proved crucial in creating the most suitable solutions for our clients and we, as mentors, are available to provide you guidance on these topics.

We can also help with GCP credit. But guides can be found here [Free Trial and Free Tier](#) or here [Get and redeem education credits | Cloud Billing | Google](#).

## Implementation and technology

The ideal solution is cloud native. As Alizers, we strongly recommend you try out Google Cloud for your project's infrastructure. For finding both the boom and the guides to parse, we suggest you use Reddit's API.

## Judging criteria

Submissions will be judged along with the following criteria:

- Comprehension: how fully the submission covers the problem points raised.
- Presentation: how the information is presented to the user, with a focus on clarity. Your solution should also quantitatively justify why a certain investment is fine while highlighting the risks involved in a clear manner.
- Machine learning: the core conceptual quality of the machine learning involved. We obviously do not expect a full solution, but a good concept with a prototype implementation will be judged favorably.
- Information: exploiting several and novel information sources.
- Innovation: additional ideas beyond the textual requirements of the challenge.
- Prototype: how complete the submission is.

## Prizes

The winner of this challenge will receive 500 €.