

How to find your co-founder

...

and live happily

The scenery

A **platform** where you can have trace of all the people with whom you have participated in projects.

Each professional is described by a **profile** which provides a view of his main characteristics.

For each person in your circle, you can express whether it was a **pleasure** to work with him or **not**.

The ingredients

1. Skills
2. Temperament
3. Are you self-sufficient?
4. What is your work/life balance?
5. Are you a lone wolf?
6. What is your emotional level?
7. How much do you trust yourself?
8. What is a characteristic feature you like?
9. Which value describes you?

The tools

Numpy

Normally used in linear algebra to work with array and matrices, in this case, it is employed for the hot encoding process (even if minimally).

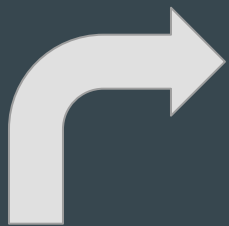
Sklearn

Simple and efficient library for predictive data analysis. In fact, it provides many ML algorithms and (for our purposes) also testing and parameter tuning functions.

Pandas

A fast and powerful open source tool for analysis and, in particular, for uploading datasets, manipulating it (which is our case) and plotting interesting results.

The model



Classifier:

the ML algorithm
(KNN) which
tries to
understand your
tastes.



New correspondences:

new people (appropriately filtered)
with whom you may get along well.



Feedback:

after a trial period
you may be
satisfied or
refunded
(new entry in the
dataset).



Collection of data:

the .xlsx file containing the
information and the feedback
about your past collaborations.

The costs

Some time to collect data (at the beginning)

+

1 day to build the model

+

3/6 months to update (periodical)

Thanks for your attention!