Rappi Machine Learning Engineer Challenge

The Challenge

Train an expose in API a classification model, that can predict the taken rate of and order depending of the order transactional features. The model should be trained using the attached dataset (datase.csv) **Note:** The features in the dataset will be available in the requests.

The solution proposed should cover the following points:

1. Documented requests and response of the API
2. The API should be able to make an estimation one by one or in batch
3. Store locally in a DB each estimation to future analisis.
4. Coverage of test of at least the 75% (Optional)
5. docker-compose to run the project locally

Results Delivery

6. Implementation code folder/repository and instructions to run it.
7. You may use any language, tools, and cloud services you want.
8. You will have a 30 minutes presentation to show your work.
9. We expect to receive your work within 5 days since we send you the challenge.

Documentation

If you have any doubts, feel free to contact us at victor.camargo@rappi.com or alejandroc.cadavid@rappi.com

Dataset Description

Column name	Description
order_id	Order ID
store_id	Store ID of the order
to_user_distance	Distance (km) between store and user location
to_user_elevation	Difference in meters between the store and user altitude (m.a.s.l.)
total_earning	Courier earning by delivering the order
created_at	Timestamp of order creation
taken	Takes the value of 1 if the order was taken by a courier, 0 otherwise.