

1. Try out the get started example, i.e., install the UpTrain package and run the orientation classification example - **3 points**

```
1 pip install upTrain
```

```
Looking in indexes: https://pypi.org/simple, https://us-python.pkg.dev/colab-wheels/public/simple/
Collecting upTrain
  Downloading uptrain-0.0.3-py3-none-any.whl (48 kB)
    48.3/48.3 KB 850.5 kB/s eta 0:00:00
Requirement already satisfied: plotly>=5.0.0 in /usr/local/lib/python3.8/dist-packages (from upTrain) (5.5.0)
Requirement already satisfied: pydantic>=1.9.0 in /usr/local/lib/python3.8/dist-packages (from upTrain) (1.10.4)
Requirement already satisfied: pandas>=1.0.0 in /usr/local/lib/python3.8/dist-packages (from upTrain) (1.3.5)
Requirement already satisfied: scikit-learn>=0.24.2 in /usr/local/lib/python3.8/dist-packages (from upTrain) (1.0.2)
Requirement already satisfied: pytz>=2017.3 in /usr/local/lib/python3.8/dist-packages (from pandas>=1.0.0->upTrain) (2022.7.1)
Requirement already satisfied: python-dateutil>=2.7.3 in /usr/local/lib/python3.8/dist-packages (from pandas>=1.0.0->upTrain) (2.8.2)
Requirement already satisfied: numpy>=1.17.3 in /usr/local/lib/python3.8/dist-packages (from pandas>=1.0.0->upTrain) (1.21.6)
Requirement already satisfied: six in /usr/local/lib/python3.8/dist-packages (from plotly>=5.0.0->upTrain) (1.15.0)
Requirement already satisfied: tenacity>=6.2.0 in /usr/local/lib/python3.8/dist-packages (from plotly>=5.0.0->upTrain) (8.1.0)
Requirement already satisfied: typing-extensions>=4.2.0 in /usr/local/lib/python3.8/dist-packages (from pydantic>=1.9.0->upTrain) (4.4.6)
Requirement already satisfied: joblib>=0.11 in /usr/local/lib/python3.8/dist-packages (from scikit-learn>=0.24.2->upTrain) (1.2.0)
Requirement already satisfied: threadpoolctl>=2.0.0 in /usr/local/lib/python3.8/dist-packages (from scikit-learn>=0.24.2->upTrain) (3.1.0)
Requirement already satisfied: scipy>=1.1.0 in /usr/local/lib/python3.8/dist-packages (from scikit-learn>=0.24.2->upTrain) (1.7.3)
Installing collected packages: upTrain
Successfully installed upTrain-0.0.3
```

2. Give your feedback by either starring the UpTrain repo (if you like it) OR filling out the feedback form (if you don't like it) - **5 points**

Feedback: UpTrain ML Model Refinement Tool

Please share your thoughts about the UpTrain open-source package and help us improve it to add more value to your ML models

amritbond003@gmail.com (not shared) [Switch account](#) [Draft saved](#)

* Required

Name [Optional]

Amritanshu Sharma

Organisation Name and Role [Optional]

Your answer

Have you tried the UpTrain package? *

☒ Yes

☐ No

Have you encountered issues related to model observability or retraining issues in the past? If yes, please explain *

no i have not

3. Explain your understanding of getting started (orientation classification example) in 2-3 lines - **3 points**

Three ordered points can be positioned in a variety of ways inside a given area, which is referred to as their orientation. It is possible to arrange the three supplied points so that, when linked together, they either form a triangle or a straight line. The former casing comes in both clockwise and anticlockwise orientations.

- 1 # Input: 34-dimensional vector that contains the x and y positions of the 17 key-points.
- 2 # Output: Orientation (horizontal or vertical)
- 3 # ---> in case of input must reduce the dimension to use the optimal way of algorithm

4. Suggest a new use case that could be added to UpTrain repo - **3 points**

```
1 # The finest data knowledge must be included, with less emphasis on models and algorithms like working on EDA(Exploratory data analysis)
```

5. Give your comments on the UpTrain technical architecture - **5 points**

The data and information that must be stored and retrieved in order for the solution to be useful are defined by a data architect. Systems rely on increasingly powerful servers to employ brute force to access data in the absence of suitable data-level technological design.

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1
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✓ 0s completed at 7:40 PM

