Fatigue Detection

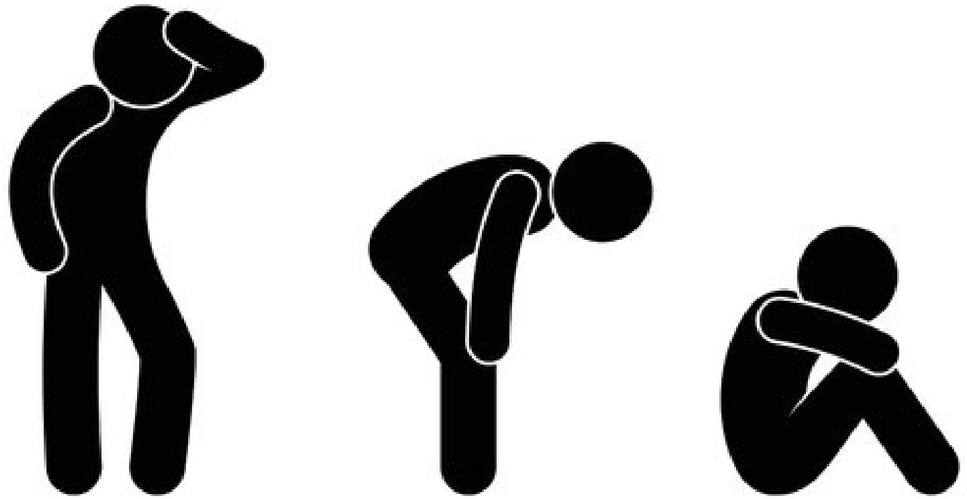
by xx|xx|xx|xx

Introducing

Some physically intensive activities lead to diminishing returns due to fatigue.

Fatigue can be dangerous (e.g., driving, operating heavy machinery).

Detecting fatigue thresholds can prevent accidents and improve performance.



01

Our Goal

Capture

capture people’s walk

Transform

movement into features

Detect

Fatigue detection

02

03 Data

- **Target: self-evaluation score leads to tired or not (0/1)**
- **Initial X features:**
- **Transformed X features:**
- **Data structure: reason for this data structure**

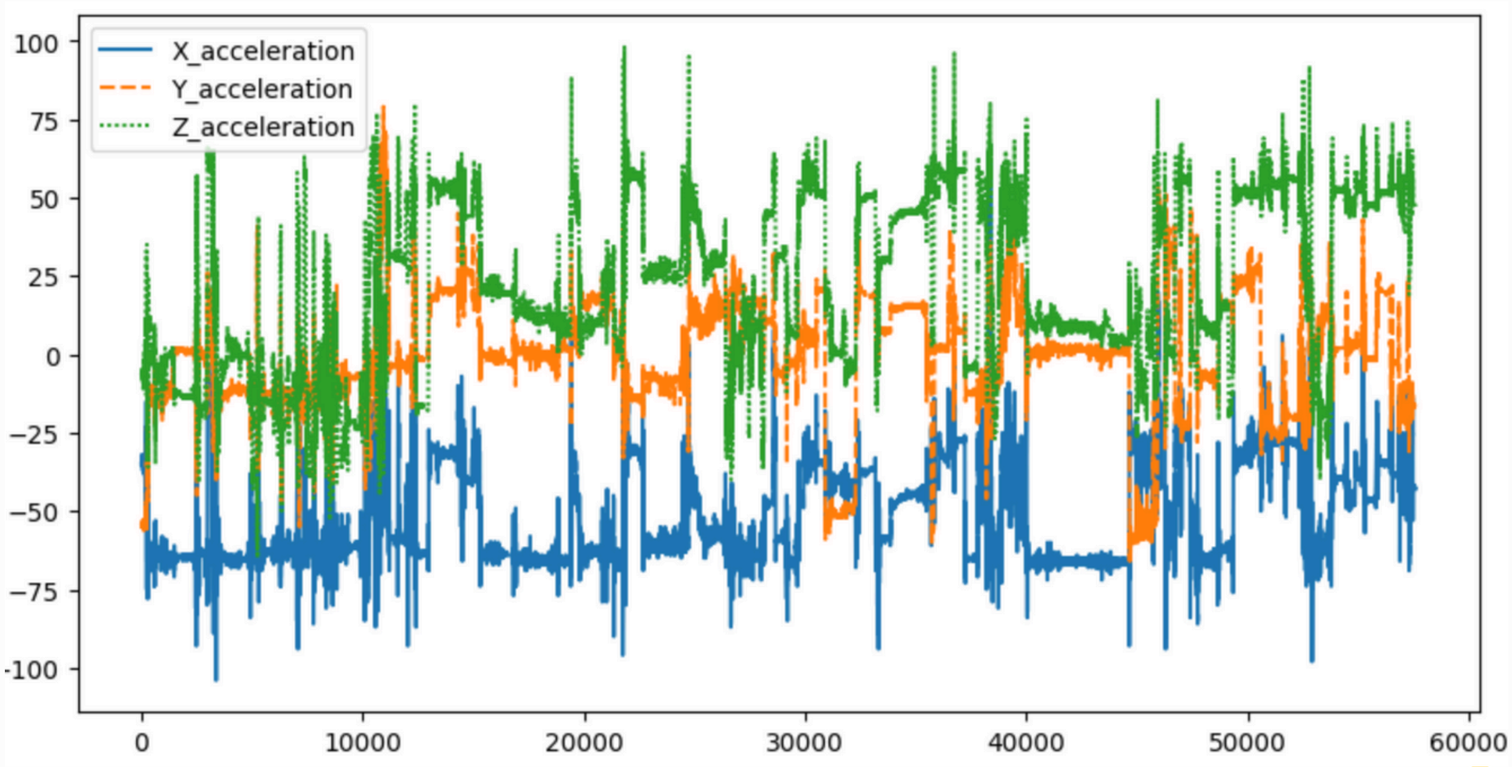
- data source from ...

04 Data Visualisation

X_acceleration:
blablablablabla

Y_acceleration:
blablablablabla

Z_acceleration:
blablablablabla



Our model
#model name

reasons that why we choose this model

05

Model Performance

Precision

any performance description

Recall

any performance description

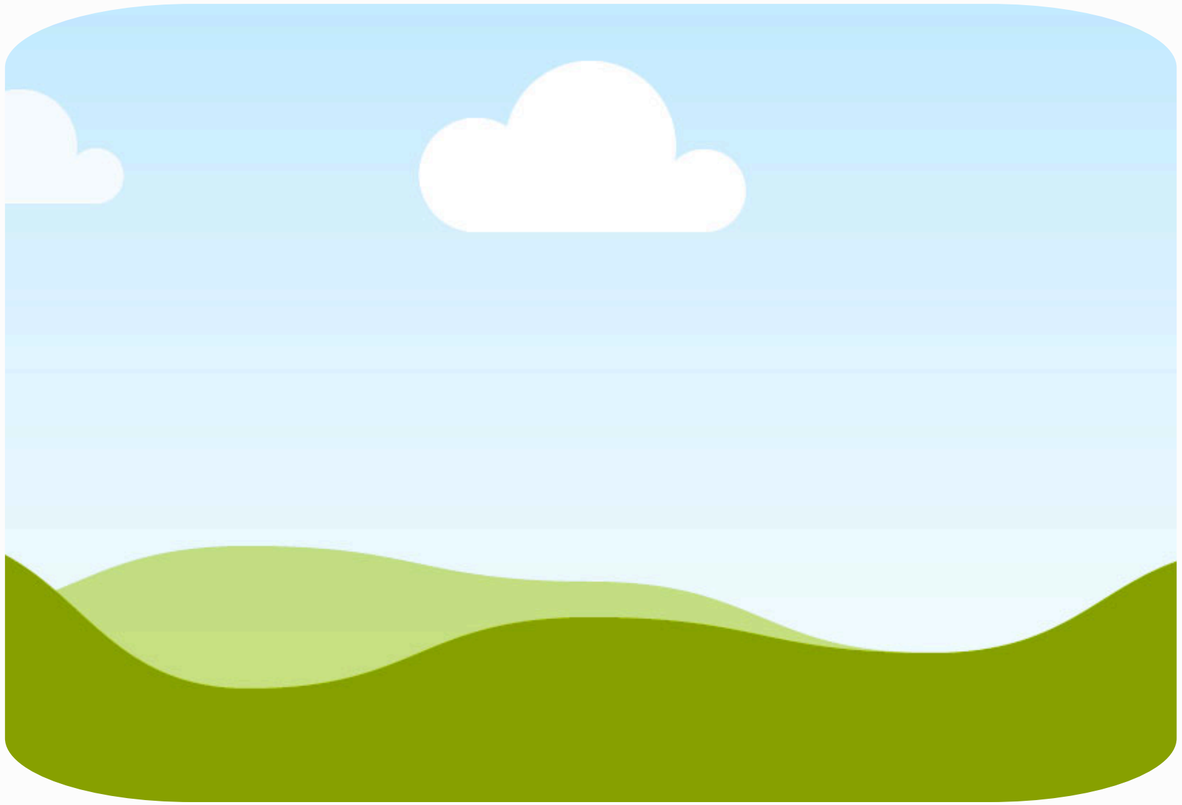
Model Visualisation

Features

anything you have to explain or show

Features

learning curve?
Overfitting?
Problem we solved?



06

link?

DEMO

Nunc eleifend placerat magna, nec lacinia nisi sodales in. Etiam vestibulum pellentesque augue ac pellentesque. Donec tincidunt nisl sed metus consectetur, eu lobortis turpis rutrum. Mauris congue nunc nec purus vulputate, ac consectetur est ornare. Vestibulum sit amet euismod massa.

07

front page

improvement

08

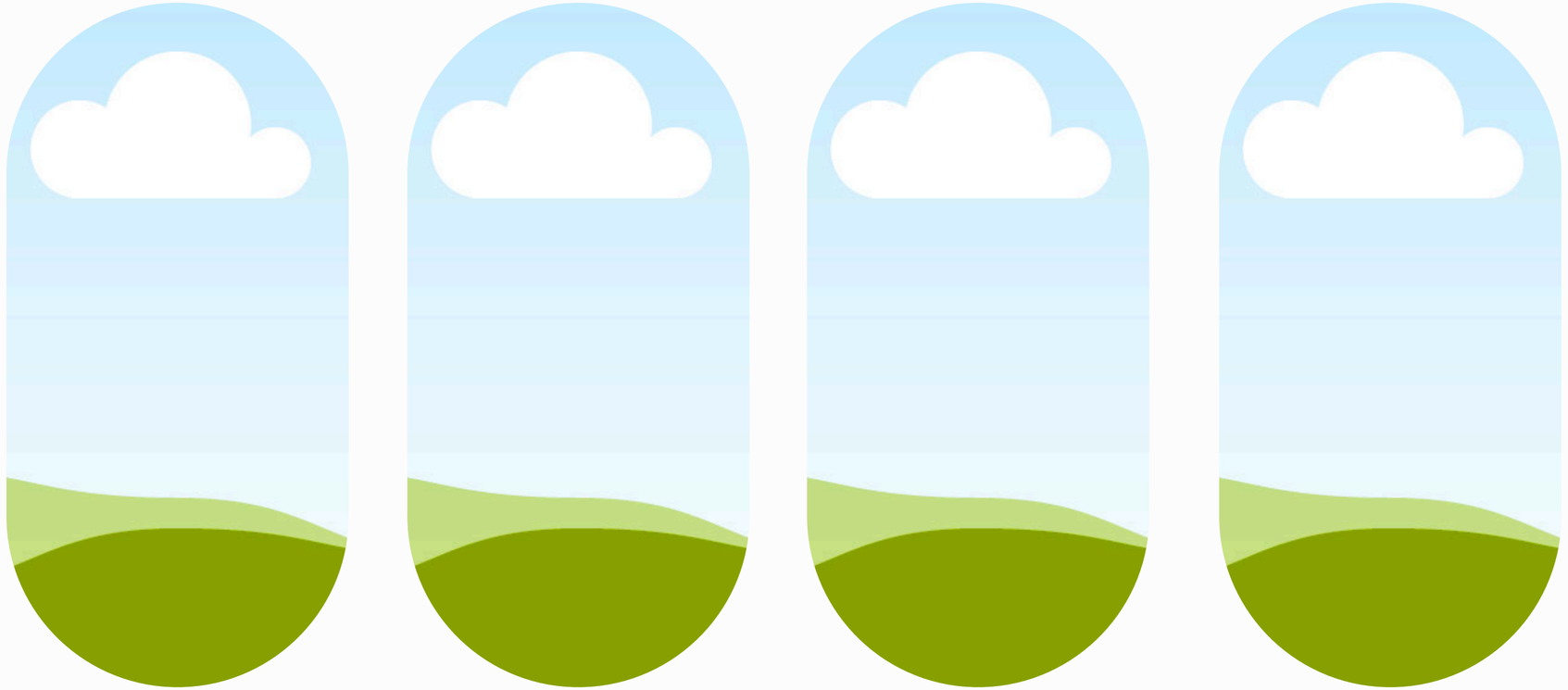
base on the finished model performance:

give some bullet point of how we can improve the model in the future if we continue work on it

how you can apply it to real life

places/scenario you can use this application

Meet the Team



xx
DATA

xx
MODEL

xx
FRONT END

xx
BACK END

08

Thank You

For Watching