Training SLEAP's Performance

1 What is SLEAP?

2 What was our goal?

3 How we did it

   I Divide dataset
   II Train
   III Get X, Y Coord.
   IV Evaluate

4 Final Results

DATASET


```
Skeleton: Skeleton(nodes=[head, thorax, abdomen, wir
Videos: ['labels.slp', 'labels.slp', 'labels.slp', 'labels.slp', '
Frames (user/predicted): 2,000/0
Instances (user/predicted): 4,000/0
Tracks: [Track(spawned_on=0, name='female'), Track(s
Suggestions: 3,000
Provenance: {}
```

```
Evaluation loss Value & RMSE:
(0.00039555362,
18.947594145038057)
```

Prediction vs GT


```
mean of loss value Training:
0.00039555362
```

```
Testing loss Value & RMSE:
(0.00039555362,
7.015899919514722)
```

Gif courtesy of SLEAP, visit
https://sleap.ai