General Strategy:

-Gather all the information we need for the paper.

-One person brings together all the information in 5 iterations

-Start with the conclusion and work from there to the top.

-Planned are 5 iteration in order to get to a finished state of the paper

1. structure

2. dropping anything in the paper(start writing sentences)

3. write actual sentences and add figures

4. check references etc.

5. finished paper only typos

What is new in our work?

The use of machine learning to do classification on medical patients with shoulder injuries

Wu – LUMC standard

What are we going to write?

LR vs CNN

Techniques : data cleaning and enrichment

Methods: Explain the Model

Result: What was the best model

Conclusion : recommendation for next project Group

**Abstract**

* Past tense for refers to work done.
* Present tense for established knowledge
* No references
* Self contained

Motivation: We want to help doctors to make a more reliable and faster diagnosis. Monitor healing or worsening of the muscle tearment.

Problem statement: To what extend and in what was, can different unsupervised data science techniques be used on kinematic recordings to contribute to a more valid and more reliable diagnosis, made by a doctor, on shoulder disability.

Approach: Data preprocessing, Designing a ML/NN model, discuss outcome with doctors.

Result: We don’t have an answer yet

Conclusions: without answers no conclusions

**Introduction**

What question (problem) was studied?

* states briefly and clearly our purpose
* Why subject, why is it important? (Students?)
* From problem to solution
* Mention previously published papers

1. Establish a territory:

Can supervised learning techniques be reliably used by doctors to do classification for patients with shoulder injuries

Mention previously published paper on the same subject.

Results of last group, what were their conclusion

**Techniques** (def: The practical aspects of a given art, occupation etc.; formal requirements.)

How was the problem was studied, which known techniques have been used?

Normailzation

Filtering frequency domain,

Models:

-Logistic regression for the model

-CNN

**Methods** (def: A process by which a task is completed; a way of doing something (followed by the adposition of, to or for before the purpose of the process))

How was the problem studied?

Describe and justify the experimental design, so that all the experiments could be repeated by peers

Must give full detail!!!!

Data:

-FoB for data generation, FoB is state of the art, but what comes out of it for us

-Data cleaning we used, and data enrichment

-New insights on the data

-Representation of our data

**Results**

What were the results?

**Discussion**

What do the finding mean?

**Conclusion**

What do the finding mean?