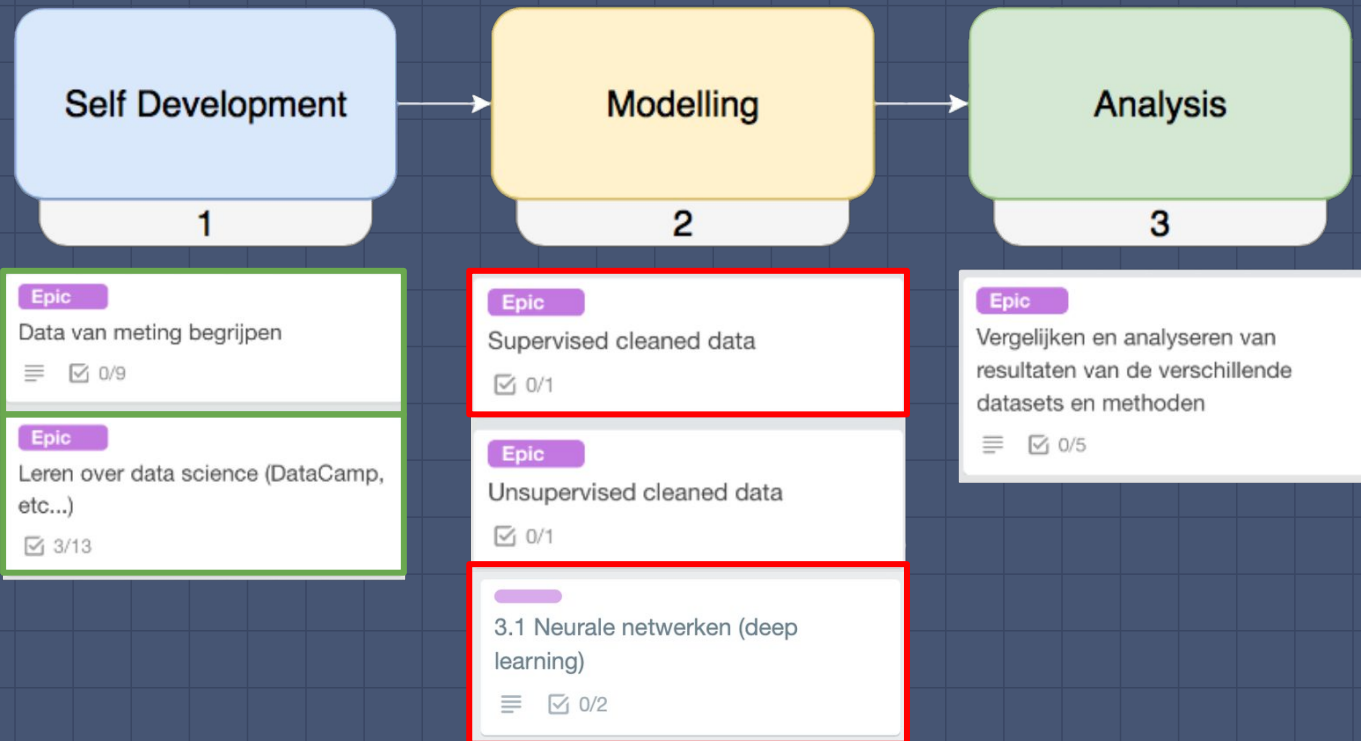
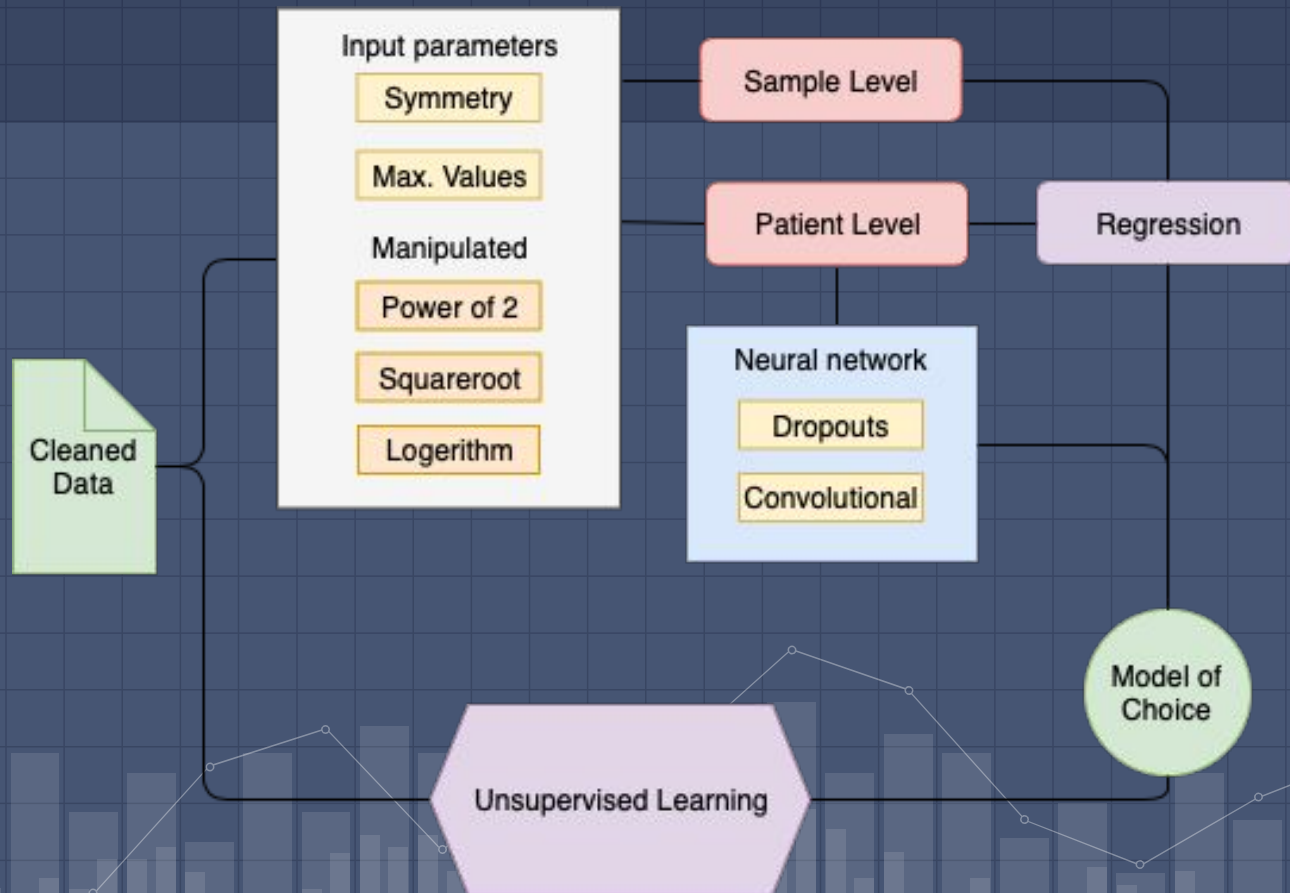


# Ortho Eyes

Tony Andrioli

- Kasper van der Hoofd
- Vincent van den Oord
- Rogier Zitman
- Luke de Keijzer





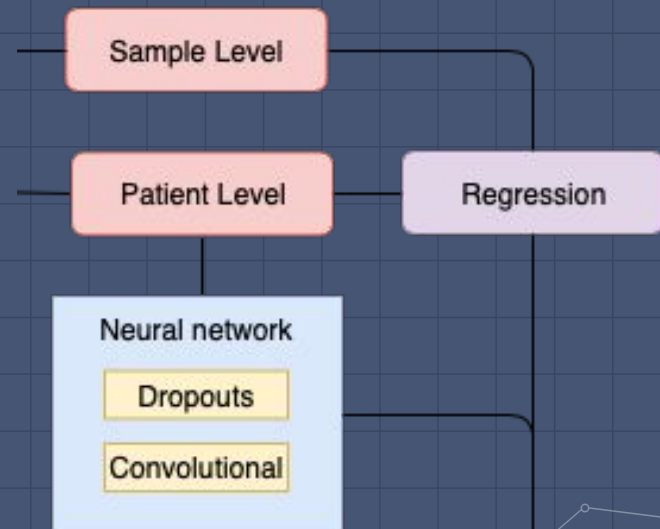
# This week's achievements

- Prepared for the test
- **We passed the test!**
- We made an excel sheet (overview) with all of our work in it
- We researched some things (dropouts, convolutional neural networks)
- Investigated a problem we are experiencing

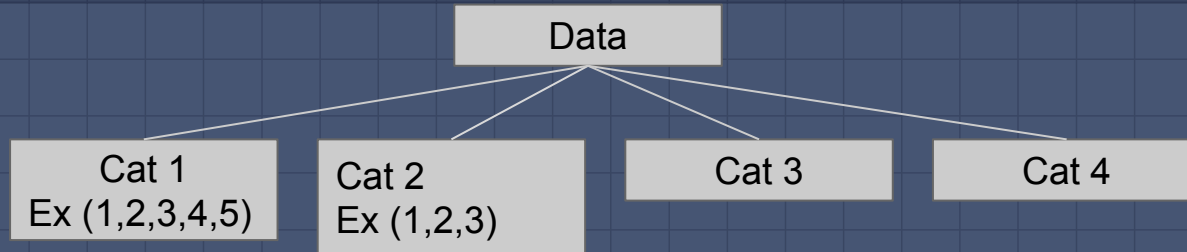
Script naam	Type script	Class niveau	Data Type	Cross validatie Type	Regressie type	Aantal parameters (incl. bias)	Bestand locatie
5in1_v3.1 - beautified	Classifiers	Sample Niveau	Cleaned Data	Sample Niveau Split	Logistic Regression	28	15040364/notebooks/3. Classifiers
Classifier 2 vs 3 v0.2	Classifiers	Sample Niveau	Cleaned Data	Sample Niveau Split	Logistic Regression	28	15040364/notebooks/3. Classifiers
classifier cat 4 versie 1.1	Classifiers	Sample Niveau	Cleaned Data	Sample Niveau Split	Jeroen Classifier	28	15040364/notebooks/3. Classifiers
Classifier Neural Network 4Y v0.3 - Real Test	Classifiers	Sample Niveau	Cleaned Data	Patient Niveau Split	MLPClassifier (Neural)	19	15040364/notebooks/3. Classifiers
classifier patient niveau versie 0.2 - 2 classes	Classifiers	Patient Niveau	Cleaned Data	Sample Niveau Split	Logistic Regression	27	15040364/notebooks/3. Classifiers
classifier patient niveau versie 0.3 - less is more	Classifiers	Patient Niveau	Cleaned Data	Sample Niveau Split	Logistic Regression	27	15040364/notebooks/3. Classifiers
LinRegPhotoMaker	Visualizers		Cleaned Data				15078124/notebooks/
filtered data	Visualizers	Sample Niveau	Cleaned Data				15078124/notebooks/
First Classifier	Classifiers	Sample Niveau	Cleaned Data	Sample Niveau Split	Jeroen Classifier		15040364/notebooks/3. Classifiers
Datasplitter	Miscellaneous		Cleaned Data				15078124/notebooks/
Logistic regression - Classifier	Template				Jeroen Classifier		15040364/notebooks/3. Classifiers
classifier cat 4 versie 2.43	Classifiers	Sample Niveau	Cleaned Data	Sample Niveau Split	LogisticRegression	28	15078124/notebooks/
Multivariate Regression - Neural network	Classifiers	Sample Niveau	Cleaned Data	Sample Niveau Split	MLPClassifier (Neural)	28	15040364/notebooks/3. Classifiers
Multivariate Regression	Classifiers	Sample Niveau	Cleaned Data	Sample Niveau Split	Linear Regression	28	15040364/notebooks/3. Classifiers
All-in-one	Miscellaneous						15078124/notebooks/
Animation Demo.ipynb	Visualizers						
5in1_v3 --> Neural Network v1.0	Classifiers	Sample Niveau	Cleaned Data	Sample Niveau Split			15078124/notebooks/

# Our planning for next week

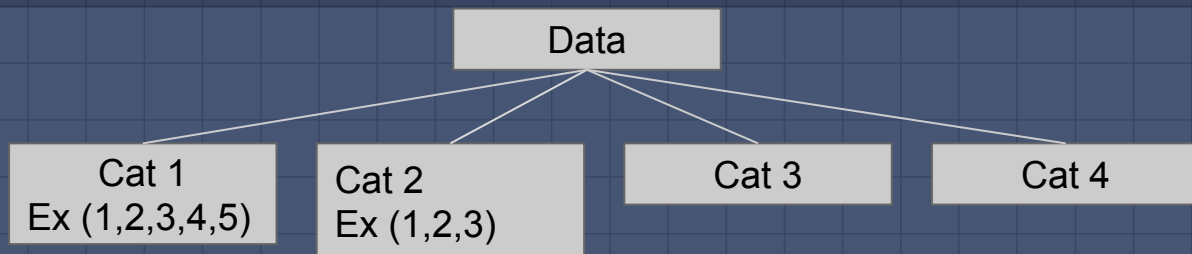
- Focusing on patient level classifier
  - Requires knowing the exercises
  - Requires a visualizer
  - Implementing dropouts
  - Building a convolutional neural network
- Begin writing the paper



# Problems we faced



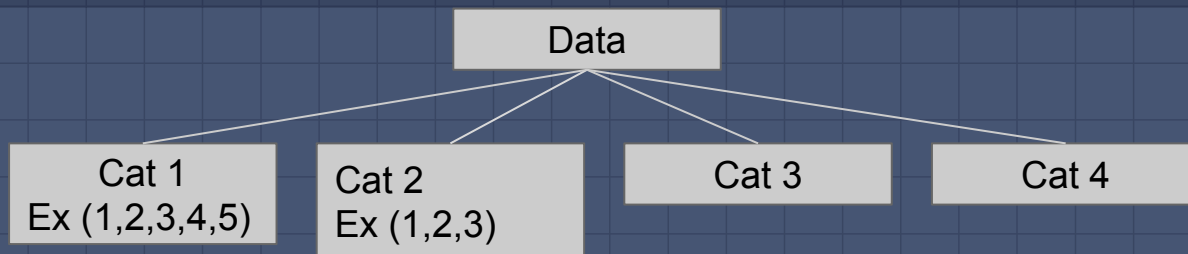
# Problems we faced



We are working with data where all categories are mixed together

- We don't know how to distinguish the exercises from each other and which are the same

# Problems we faced



We are working with data where all categories are mixed together

- We don't know how to distinguish the exercises from each other and which are the same

Does anybody have an idea of how to distinguish the exercises from each other?





**Any questions or suggestions?**