

Logbook

Tuesday, 4 Feb

Nick, Sebastian, Alex

- Individual search of data sets
- Group discussion of motivation and intentions

Wednesday, 5 Feb

Nick, Sebastian, Alex

- Pre-processing of data
- Group discussion of technical approach and methods
- Preparation of brief presentation of project background

Thursday, 6 Feb

Nick, Sebastian, Alex

- Preparation of brief presentation of methods
- Continued data pre-processing

Friday, 7 Feb

Nick, Sebastian, Alex

Afternoon meeting, 2:30–3:30 pm

- Draft of report scaffold
- Group discussion and collective writing

Monday, 10 Feb

Nick, Sebastian, Alex

- Editing presentation
- After lunch meeting, 1:30 pm

- Discussion on clean data and the next steps to implement in python with Seb as lead ML programmer. What interpretable models to implement first

Tuesday, 11 Feb

Nick, Sebastian, Alex

- Morning meeting, 9:45 am
 - Plan for the day
 - First advance report
 - Then continue with
 - prediction modelling
 - and basic statistics
- Work on report until 11:30 am
- Work on statistics, graphs and ML models until 12:30 pm
- Found interesting results, trophies 98%, whereas card themselves significantly lower 52-58% range on win prediction indicating that players with even a slightly higher trophy count would win. We realised that the trophies were already added/subtracted post match.

Wednesday, 12 Feb

Nick, Sebastian, Alex

- Morning meeting, 9:45 am
 - Additional feature to include elixir cost
 - Running a neural net to see what happens
 - Good results for first experiments with multi-layer perceptron
 - 78% prediction accuracy on the same data set
 - Finish off presentation and report by end of day if possible

Thursday, 13 Feb

Nick, Sebastian, Alex

- Morning meeting, 10 am
 - Not enough time to spend exploring further deep learning models
 - Finishing touches to report
 - Agreed on following American English spelling
 - Finishing touches to presentation
 - Agreed on who presents which part