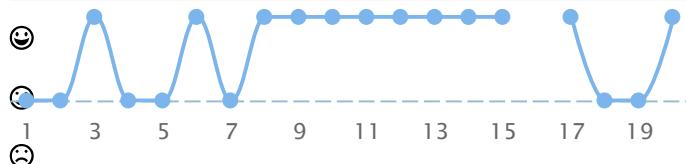


FEED Pulse

[My feedback](#)[Group feedback](#)

Beemer, Coen C.W.

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Checkpoint 20 Full Scan Patches 23-12-2022

⚠ No feedback submitted.**Vorst, Rens M.C.M. van der** (Teacher) an hour ago

Based on my feedback and our conversation, Coen filled out parts of the Full Scan. This really improved the thinking on the impact of society. It also addressed some concerns that arose from our conversations, which is exactly the point!

Checkpoint 19 Quickscan 22-12-2022

⚠ No feedback submitted.**Vorst, Rens M.C.M. van der** (Teacher) 21 hours ago

Coen filled out a first version of the TICT Tool for stress patches which was a quick and nice piece of work. There are some more things to think about, that can make the scan even more meaningful. Think about:

- Could you think about privacy by design in this game? How would you design it?
- Escape rooms are often played in a corporate context. What does that mean? If stress levels are exposed between co-workers or hierarchical levels?
- Are you sure about the data? Can you really measure stress or only certain elements?
- Is the game solution a stepping stone for real world applications and how would that look?
- Could you game the system by acting like you are stressed and getting hints?
- Isn't the purpose of the game to outsmart your opponent and how does this competition take form when stresspatches try to level the playing field...

Maybe you could also answer TICT category One (impact) of the full scan, because most questions are there!

Checkpoint 18 Discussion on SI with Rens 22-12-2022**Beemer, Coen C.W.** a day ago

I had a talk with Rens about how I could best show my SI learning outcome. I've shown my work so far and Rens recommended running a project through the TICT tool, get feedback and make a 2nd iteration by processing that feedback. We also had a discussion about my document where I talked about the impact of youtube's algorithm.

Checkpoint 17 wk16 - Coen Crombach 22-12-2022**Beemer, Coen C.W.** a day ago

Ik heb het met Coen gehad over mijn leeruitkomsten, volgens hem is er in mijn persoonlijke doel geen snelle winsten te vinden en kan ik daarom beter focussen op mijn andere leeruitkomsten. Om LO8 op advanced te krijgen zou ik bijvoorbeeld unit tests kunnen schrijven maar dat past niet goed binnen de code die al geschreven is. Daarom heb ik besloten om in plaats van LO8 te focusen op LO3(data preparation) aangezien daar advanced wel makkelijker haalbaar is aangezien ik mijzelf daar niet genoeg credits heb gegeven voor mijn webscraper. Door dit nog wat verder uit te werken denk ik daar wel Advanced mee te kunnen halen en zal ik nog steeds 4 leerdoelen op Advanced hebben voor een Outstanding voor het semester.

**Crombach, Coen C.J.H. (Teacher)** 15 hours ago

Succes daarmee, Coen!

Checkpoint 16 Wk16 - General Consult (DannyB) 20-12-2022**Beemer, Coen C.W.** 3 days ago

We quickly went over my PDR, where Danny made me aware I could go for 4 learning outcomes on advanced to get an Outstanding grade for this minor. I will try to do this by doing additional data visualization(LO5) in powerBI (show Hans), showing a good code style to Coen for LO8, and showing Danny my reporting in my PDR. I already have a proficient for personal leadership, so that totals 4

**Bloks, Danny D. (Teacher)** 3 days ago

I have already seen that the Reporting skills of Coen are Advanced. It would be good to keep this level up for the final documents, so we see that it is indeed (still) Advanced.

Checkpoint 15 Wk15 - Sick-At-Home Progress Report 15-12-2022**Beemer, Coen C.W.** 7 days ago

This week I've been sick at home. I haven't been able to make much significant progress on my learning outcomes because during the time I have been trying to get work done I've been mostly focussing on getting group project work done so my team doesn't get slowed down by my absence.

Checkpoint 14 Feedback personal progress 08-12-2022**Manolache, Georgiana G.** (Teacher) 15 days ago

Has tested time series on project data; ML experience proficient.
TODO: smooth out sample, research other models for short data sample.

**Beemer, Coen C.W.** 15 days ago

I showed Georgiana my progress on the group project where I explored the ARIMA model for our use case. It turned out to not be good at predicting the stress, but I will try to make it work for a bit more before exploring other models that might work better at smaller sample sizes. She also really liked the way my PDR looked, apparently gitbook is not that well known among teachers even though many like it a lot once they learn of it.

Checkpoint 13 wk13 - gesprek met Martijn Lamers 02-12-2022**Beemer, Coen C.W.** 21 days ago

I showed Martijn the group project because I was looking for recommendations to handle realtime data, but he didn't have any expertise with that. The suggestion I showed using multithreading seemed alright, so I will look more into that and keep him updated on the progress.

Checkpoint 12 wk13 - gesprek met Coen Crombach 01-12-2022**Beemer, Coen C.W.** 22 days ago

I showed Coen my PDR, according to him my goals to achieve my learning outcomes are realistic and achievable. For my personal learning outcome (LO8) I'll have to rewrite it in a way which can still use my first personal project as proof to some degree, as it would be a waste to not use that and I might not have enough time to completely show a learning outcome from scratch.

Checkpoint 11 Feedback personal input on group work 22-11-2022**Manolache, Georgiana G.** (Teacher) a month ago

Good progress on group work; discuss evaluated models on different datasets;
Try time series?

**Beemer, Coen C.W.** a month ago

I've shown Georgiana the classifier I made for the group project, which will estimate a stress level of 1-5 based on the sensor data provided by the client. The accuracy of this model is very high (as long as I don't use datasets with bad data or a lot of noise). I can improve a bit on the data visualization as it's on a timescale for which we're currently using the index of the values from the 4hz sensor. I will also look into arima and sarima to see if those are applicable to our use case, as those are used for predictions with timeseries. If those are not applicable I can still use some of the data processing in the example notebook for preprocessing our own data. I did do some preprocessing on my own, but I haven't done much research into what the best way is to do it.

Checkpoint 10 wk10 - met Coen 11-11-2022**Beemer, Coen C.W.** a month ago

I showed Coen the anomaly I showed Kazimier, and we eventually managed to figure out the reason behind it: I used the full dataset(including the test data) during training instead of the training data. Somehow the random forest picked up on this while the decision tree did not. Now both have an abysmally low accuracy, which is to be expected with the small amount of data I provided. Somehow the decision tree is doing better than the random forest though, which is unexpected. I will keep investigating what causes this and I will document it as I go to show investigative problemsolving.

Checkpoint 9 consult Kazimier 11-11-2022**Beemer, Coen C.W.** a month ago

I showed Kazimier an anomaly in my code, which is a high accuracy(90%) on randomForest with an abyssmal accuracy(10%) on a single decisionTree. The data I fed these algorithms was very scarce(release date, age rating and franchise) to predict the IGN ratings, but apparently it was enough for the randomForest algorithm. I then tried to figure out if there was any relations in the data, but the visualisations didn't show any as far as I could tell. I will write a short retrospective on this to give my opinion on the societal impact AIs like these could have, as Kazimier was interested in that when he read my opinion on the youtube algorithm.

Checkpoint 8 Wk 10 - Societal Impact Consult (DannyB) 08-11-2022**Beemer, Coen C.W.** a month ago

I wrote a document about the impact of youtube's recommendations, which showed I thought about the societal impact a good amount. I will rewrite my recommendations while keeping the corporate side in mind more, as for now my recommendations are purely a lose-lose situation for them.

Checkpoint 7 Wk 7 - data consult (HansK) 13-10-2022**Beemer, Coen C.W.** 2 months ago

I showed Hans my data scraping/gathering and according to him I already got a decent amount of data. He gave a couple suggestions of datapoints I could try scraping for to judge the quality of the notebooks, such as dataset size, df info/describes and the amount of tags a notebook has. For most of these, I have to dig deeper into the HTML as I'll probably end up needing recursive scraping to get to the notebook contents.

Checkpoint 6 Feedback individual challenge - Data collection 11-10-2022**Beemer, Coen C.W.** 2 months ago

According to Georgiana I made very good progress on my data scraping/gathering, I will look into it more by making some visualizations of the data so I can clean it up and I'll keep digging in the html to figure out stuff like what type of algorithm is used and eventually which parts of the used datasets are valuable to the notebook.

Checkpoint 5 Wk 6 - I-consult (HansK) 06-10-2022**Beemer, Coen C.W.** 3 months ago

We talked about ways to gather data for my project, and came to the conclusion scraping might be an option if there is no API provided by kaggle. Going through the filtered list directly might not be an option due to how the website is built up, but manually gathering links of ~100 projects and then feeding them through a scraper can be realistic. When it comes to learning outcomes, I should be fine with my personal project and I can score well with making & cleaning up this dataset. Hans also mentioned I should keep regular feedback moments with teachers, my plan of a minimum of 1 feedback moment a week is a good way to show the personal leadership outcome.

**Konings, Hans H.H.M (Teacher)** 3 months ago

I also spoke with Georgiana about the approach and she confirms for the current situation to continue this way (with the basic knowledge to start for web scraping). It's not the nicest work to collect the data (partly) manually, but there are certainly nice things we can do afterwards. Additionally, it is very interesting to learn all this for data collection. :)

Checkpoint 4 Wk 5 - data consult (HansK) 27-09-2022**Beemer, Coen C.W.** 3 months ago

I had a short talk with Hans about how to approach making a dataset for my personal project. For this, he suggested judging the data based on the properties(looking at df.info) and maybe combining multiple datasets from a single theme so more conclusions can be made from one big dataset.

Checkpoint 3 Feedback Georgiana - individual project 23-09-2022**Beemer, Coen C.W.** 3 months ago

Georgiana liked my idea and helped me by showing AutoML, which she has worked on before. She also helped with one of my problems by chopping up my problem into smaller pieces, which I can start working on. To achieve my goal I need a dataset with runs of existing algorithms, which I can make myself to show several other learning outcomes.

Checkpoint 2 feedback Kazimier individual project proposal 23-09-2022**Beemer, Coen C.W.** 3 months ago

Kazimier thought my idea was cool, interesting and original. I needed to clarify the "why" in my project proposal a bit more and consider narrowing down my target audience, but the rest was well organized and clear enough in his opinion.

Checkpoint 1 wk02 - Chat with Coen 08-09-2022**Beemer, Coen C.W.** 3 months ago

Coen seemed fairly enthusiastic about my individual project idea, and gave me some things to do before getting started with the actual implementation.

First I'll make a flowchart of how I'm planning on implementing my project. For this I'll also take a look at existing projects and (tagged) datasets which I could use for my AI.

I won't look at existing AI's in too much detail just yet, to ensure I don't get too inspired by a certain structure/way of thinking.

I'll also think a bit more about who I want the end users of my AI to be and what I want them to do with it, as this can influence the kind of data processing I'll have to do.