Reflection document

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2020

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2 INTRODUCTION

During my thirteen-week "stay" at Ordina, I kept a daily report about every decision and feeling. This dairy was to help me motivate choices and make sense of past decisions that were forgotten. It was an underestimated tool that I never regretted setting up and taking time every day to tell my daily tale.

To conclude my journey at my internship, I will reflect on past decisions and feelings, and new gained insights and techniques. It will be done in two parts, a reflection about the practical final solution of the project with its components and a reflection about my experiences during this period and what I learned.

This is where the magical tool of the log journal, comes in handy, again. The reflection can be accurately based upon the every-day logs' summary.

3 PERSONAL REFLECTION

At first, I did not know what to expect. The company worked with a flex-desk environment; completely new to me. But finally, I had the responsibility and individuality I always longed for and I wanted to prove myself.

The first two weeks were a little weird for me. I rented a dorm in Mechelen, close to the company. I have never done this, and it was a fun experience but a lot of adjusting. This combined with not really knowing what the exact end-product was going to be, I started to stress. Finishing entire summarizations, models, documents in no time at all because I thought the deadline was going to be a lot closer. Then I got more clarity in how the project was going to develop and that I was stressing too much too soon. In this two-week period, I was a month ahead and this gave me a very bad view on the project. Not because I was a month ahead but because the amount of time, I spent on the project was immense and exhausting.
Luckily, after a meeting with Aron and Jochen (the internship mentors at Ordina), this was resolved. The fog between the beginning and the end was lifted. The purpose was clear.
The entire work ethic and demeanor shifted. I became more pragmatic and learned to divide work and pleasure.

Not only did I learn the importance of a good work ethic, I also learned to work in new environments. Not only due to the new flex-desk ecology but also regarding the Corona outbreak. This was rather unfortunate. It discontinued my stay at my dorm and the ability to work at Ordina, where I could work without being bothered or distracted. Yet, adapting to the changes, the project finished in time.

Learning how to improve my data science work ethic, how to use certain tools, completely new tools, and getting to work with all the resources I was given. I was given an environment where I could experiment, make mistakes and learn while improving the project.
It was a gem to my professional learning career that I will foster for the rest of my life.

- "Experiment is the sole judge of the validity of any idea" – Richard P. Feynman

4 PRACTICAL REFLECTION

The question of the customer was to provide a tool that can help their quest in finding possible patterns between, weather events, social media sentiment and their customers reactions. The goal was to have a sentiment analysis tool that could predict the sentiment of data with an accuracy of eighty-five percent, the project provides a tool that has an accuracy of ninety-three percent.
There are a lot of ways provided in which the customer can perform correlation analysis and deduce certain aspects.

In my opinion, the most pressing matters of the project have been finished successfully. There are still certain problems with the lambda function that collects daily weather updates but the analysis of the data, up until the thirtieth of April, can be made.

The foundation has been laid for a longer running project. Climate change is imminent and social media will always be present. In the "Action Plan "I even made extra options that could be added in the future of the project as a suggestion for the customer. This could range from a simple KPI to an entire correlation matrix and graphical analysis performed on the server-side itself.

Final steps are still being performed during the writing of this document.