

Process Optimization through Virtual Visibility

Victor Gerardo Rodríguez Barragán

June 04, 2024





1 Introduction

First he introduced the concept of the company, he explain that it was not a “tech focused” company, but they were trying to implement technology to improve their processes. He mentioned that they were trying to implement a new system to improve the visibility of their processes.

The company itself was like a vegetables processing company, they had a lot of processes and he tried to explain something about corn, which I didn’t completely understand the purpose of it, but he did, he said that corn is a very important product in life.

2 Content

He mentioned that they were trying to implement new technology to improve the overall operation of the different processes in the company, one of them was a better data collection and management, which includes data analysis and machine learning, this two being the key to the vision that they had.

Something that caught my attention was the tech (like the software or computer language) that they were trying to implement, he mentioned that they were using Python, which is a very popular language for what they were trying to do, and that they were using a lot of libraries like Pandas, Numpy, and Scikit-learn, etc, which in like a general opinion it’s nice, it is what you would expect from a company that is trying to accomplish what they do. He also mentioned matlab and R, I would love to know more about the use of this two languages in the company. Since Python is already “enough” for the goal.

3 Conclusion

In general I liked the presentation, I think that the company is doing a good job trying to implement new technology especially right now with AI as strong as it is, I think that they are in the right path, for that point it caught my attention but I think it was a little bit long for what he was trying to explain, I really think that a shorter presentation could have the same impact but with a stronger message and with the 100% of the attention of the audience (but that’s just my opinion I’m a very easy distracted person).

4 Question

Well for me the best way to do it is to use a scanner, you can scan the data and then use a OCR software to convert it to a digital format, this may have troubles since it’s not 100% accurate, but it’s the best way to do it, because even if I can type all the data by hand it’s not the best way to do it, it’s very



time consuming and it's not very efficient, and we as a programmers are always looking for the most efficient way to do things.

The main goal not only for us but for a company is to be efficient, to have the best results in the less time possible, and that's why we are here for, to automate processes, and try to make the best results in general.