Incidents 8.1.Project_Python SQUAD ETL

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The instructions of some exercises were not clear enough for us. For example, in exercise number 2.2, we didn't have clear whether "an object to look for" meant that the function should work with any object or we could choose the object that the function will use to work.

We were a four person squad, however still did not have enough experience to make an efficient use of that advantage. We feel like it made the progress slower instead of faster.

We had some trouble with Discord, we solved it by using Google Meet because the screen was bigger when something was shared. And it gives us less problems with the streaming when some internet connection was weak.

In the function `domain_extraction(where_to_look_for)`. We had some trouble verifying that the function used `values_and_frequencies(where_to_look_for, min_num_repetitions=0)` was correct. But in the end We found that the values obtained with values_and_frequencies were coherent.

We didn't find an efficient way to share the code. We used Replit it was useful, but to It was too slow. We combined it to make one of us write the code while the rest of the teammates collaborated with solutions and watched the shared screen. We rotated so it was not the same teammate, the only one writing.

Sometimes a teammate was lost, because he didn't understand the code. When that happened all teammates stopped and one tried to explain to him. That slowed the progress. We made the process of explaining what the code was doing faster by using drawings made by a graphic tablet.

Learning

We improved as a squad. Attending to the different levels of the group. Explanations were made by drawings and demonstrations were helpful to understand the code with the help of a graphic tablet that one of our teammates had.

We got to know what a quasi real database is, and applied all the knowledge we learnt from python. We have progressed in the use of higher-order functions and learned to take a synthesized view of functions and the many variables within them.

Conclusions

We have learned that python is a really powerful tool. We saw how we can use what we learned to read from a database (even if in this case the data was not too big) , process the data, clean what was not useful, and store it in Python objects so we can work with it.
We think that this will be very useful in our future as a Data Scientist.