

Development Log

Project 2 - The Dashboard

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Challenges

- The first challenge we encountered was the understanding of all the requirements of the project. We found it difficult how to put together all the information. Also we were not quite sure if the code needed to be modified. This was quickly solved as we delved into the purpose of dashboards and data.
- Another quite hard challenge was finding a visualization tool for the story telling. Fortunately we found a very good library within python called streamlit which helped us a lot in the making of the dashboard.
- Another hard challenge was to process the data of the simulator. Although we managed to gather very important data, we didn't know what tool or which path to take in order to process it. We decided to use pandas dataframes to store it and handle it to another python file where the data was processed into graphic charts.
- An obstacle we found but we quickly solved was to group data into date frames. The data gathered by the simulation was a day by day production so we had to come up with some ideas to process this information correctly.
- There was another tool that the team tried to use to create the Dashboard, this one called LookerStudio but the team had trouble connecting it with Python.