Louis Dreyfus Company – Data Scientist Position – Python Test

The attached sqlite database contains several tables that holds coffee prices, market and supply and demand data.

1. Research function is interested in how the market is evolving and are asking for a data visualization dashboard that they can use to analyze the market. Please propose and prepare a set of visualizations using any python visualization and your commentary.
2. Now that you know more about the data, a trader is asking you to come up with one or multiple forecasting model(s) for the coffee prices. After the implementation, we assume that you will present the model(s) to the trader who does not know about data science, but who is paying a lot of attention to the results and their interpretation.

For both questions, we expect the python code (and commentary) in a Jupyter notebook loaded into a public git repository. Please make sure that the repository can be cloned, is executable and the results are replicable at our end. Please feel free to add a README file that explains how to run the code in the repository. There is no limitation to public or privately developed python packages. Once done, please share with us a link with public repository.