Model deployment

Deployment is defined as a process through which you integrate a machine learning model into an existing production environment to obtain effective business decisions based on data. It is one of the last steps in the machine learning life cycle.

Creating a model is usually not the end of the project. Depending on the requirements, this deployment phase can be as easy as creating a report or as complicated as implementing any repeatable data science process.

Consider an example of a credit card, a credit card company may require using a trained model or set of models (example, meta-learner, neural networks) to instantly recognize transactions, having a high chance of being false and fraudulent.

But even if the analyst will not carry out the deployment work the consumer needs to understand upfront what actions will be required to make use of these designed models.

Essential Steps in Model Deployment:

Here are some basic steps and ideas for a deployment path, to take to get your model ready for deployment. You should keep in mind these steps, as your model is transformed from research and development to production. 