

# Instructions to deploy and run code

Basically there are 2 types of deployment possible:

1. Online Deployment
2. Offline Deployment

**1. Online Deployment:** There are various tools available to deploy a model online like RevoDeployR, Orange etc. In Online deployment we put our python, R script on the cloud and whenever client want to do some analysis or predictions, he just need to provide data to that model and then run script.

In online Deployment, some cloud methods available:

- a. Azure,
- b. AWS, etc.

**2. Offline Deployment:** In case of offline deployment we put the script in a server in client premises and we use some schedulers like windows/linux schedulers to run the script.

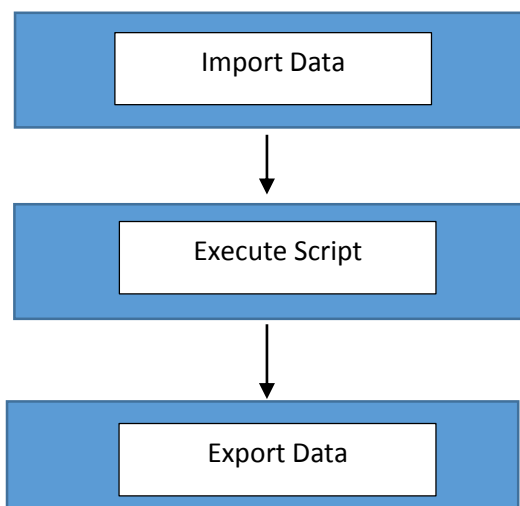
Usually banking/financial companies go for offline deployment. Because their data is very confidential.

Before deployment we can specify which type of data we want to feed in the model.

**Prediction:** Given an observation, our model will predict the target variable.

And we can make a front-end (GUI) for the user to feed the data to the model.

## Instruction to deploy in a Cloud, such as Azure



1. We can specify a scheduler which can take the data from database and then feed into our model.
2. Then execute the script.
  - a. Python script: If the script is written in Python then we can use Python interpreter
  - b. R script: If the script is written in R then we can use R interpreter.
3. After that store the result back into database.