

MODEL BUILDING

Save The Model

- Save the model is the process to creating the model file namely **.pkl** extension.
- A **PKL** file is a file created by pickle, a Python module that enables objects to be serialized to files on disk and deserialized back into the program at runtime.
- It contains a byte stream that represents the objects.
- **Pickle** package in Python is primarily used in serializing and de-serializing a Python object structure.
- In other words, it's the process of converting a Python object into a byte stream to store it in a file/database, maintain program state across sessions or transport data over the network.
- **wb** indicates the **write** method and **rb** indicates the **read** method.
- Pickle file will be used to generate random outputs given by user.

Step-1:

- After building the model, we need to save the model by **pickle** library.
- Import **pickle** and using functions like **dump ()** and **load ()** functions.
- Then it will generate trained model as university.pkl file in coding directory.

