My view on choosing a model:

First we should implement a random forest model as it is computationally cheaper and no or few hyper parameters to tune(number of trees) we check the accuracy of this model and if it is satisfactory we can use it if not that means the accuracy is far less than desired we now can implement a deep cnn which is computationally expensive and difficult to train if the accuracy of cnn is slightly more than(like1-2%)its better to choose random forest or if you want ur model to be highly accurate you can choose to implement a cnn

So, my practical advice is:

* Define a performance metric(accuracy) to evaluate your model
* Start with the simplest model (Random Forest)
* If you don’t meet your expected goal, try more complex models (SVM, Neural Networks)