



# IBM AI MODEL(MOD4)

## Module 4

### Save your AI model

### Simulation: Save your model as a Jupyter notebook

After a short lunch break with your colleagues, the team returns with you to your workstation. It's time to finish your project.

Thanks to the AutoAI in Watson Studio you now have a working risk prediction model. AutoAI used the data you provided to train and test the different algorithms and determined which was the best at predicting risk. All you had to do was set up the experiment and let Watson do all the hard work! Now you'll finish by showing the bank's IT team how to save the AI model as Jupyter Notebook.

**Jupyter Notebooks** allow you to collect all aspects of your project in one place, including code, graphics, text, and the output of the model. This makes it easier to provide all the information necessary to the project in one place. Jupyter Notebooks also provide others with a way to view, edit, and collaborate on your AI model over the internet.

In this simulation, you're going to use IBM Watson Studio to save the most effective model and convert it to an editable Jupyter Notebook. There are **12 steps** to complete.

## simulation start with Save AI models as Jupyter Notebooks transcript\_EN

You've saved the most effective model so it can be used with additional data sets in IBM Watson Studio and saved it again as a notebook in which you can see and edit its code and algorithms.

This was probably the easiest part of the work for you to share with your colleagues. But, they still want a quick review of the steps involved. So, you take a few moments to run over it with them. You share the following.

- You saved the best model so your colleagues and try it out on new loan default data sets, getting results that could be immediately useful to the bank.
- You also saved it as a notebook in which it's possible to edit the code behind the model, add new algorithms, and more.
- You've downloaded that notebook in Jupyter Notebook (.ipynb) format.

It's been quite an adventure. You've helped a major bank improve their risk management, not only creating a model that they can start using right away, but also showing their IT experts how they can start developing more great models in IBM Watson Studio.