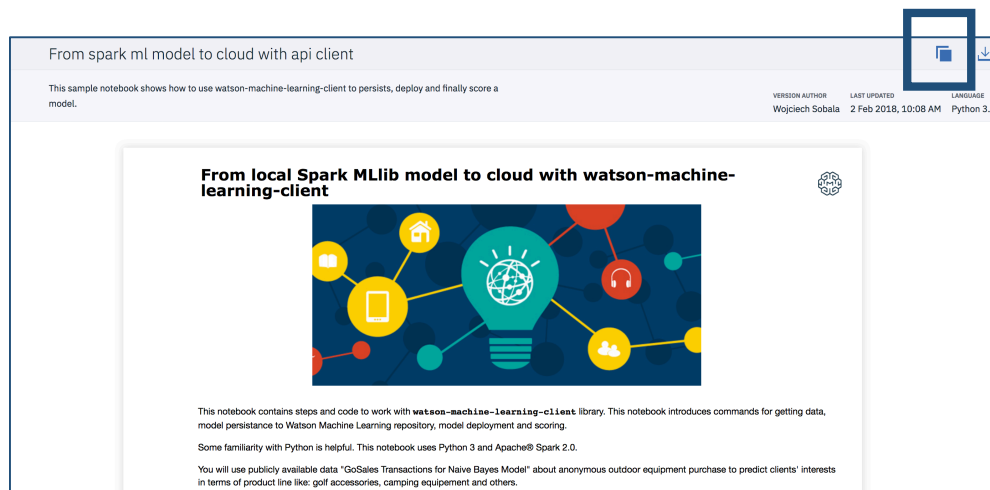# Lab 2: Creating Machine Learning Models in Watson Studio Notebooks

You can create a machine learning model in a notebook by writing the code and implementing the machine learning API. After a model is created, trained, and deployed, you can run the deployed model in a notebook.

Refer to the following sample notebook, you can see how to load data, create an Apache Spark model, create a pipeline, and train the model. (**if you cannot click on the notebook – it is also available in the Git Repo:** https://github.com/lindsaywithers/watson-studio)

- Click the copy button in the upper-right to copy a version of this notebook into your environment

- Select your Watson Studio Lab project, and the Spark instance created in the first lab (Model Builder), and click **Create**

- Following the steps in the notebook, execute each step of code (if you completed the first lab with the model builder, then you can skip step 1 for creating Machine Learning and Spark services)
    - Load & Explore
    - Create an Apache Spark Machine Learning Model
    - Persist with Watson Machine Learning
    - Deploy & Score in the Cloud