

IBM Data & Al

Auto Al



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Exercise 1: Create a machine learning model using Auto Al

Use Case

Goal: Approach:

Identify who has high probability to cancel the contract (Churn) to help marketing team to create a list of customer targets to receive specific marketing campaign

- Automatically generate a model to identify who has cancel
- Review results

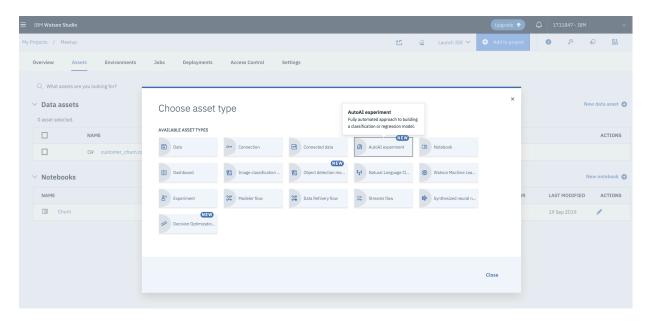
Why?

To save marketing cost and reduce the customer churn, identify those likely to churn and focus marketing efforts on those customers.

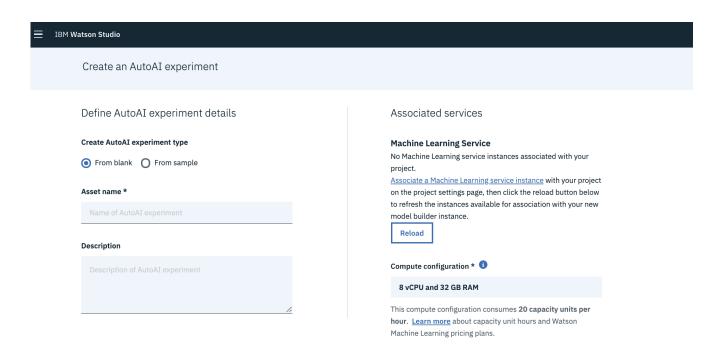


Auto Al

- 1. Add the AutoAl experiment to the project. Click on + Add to project.
- 2. Click on AutoAl.



3. Type the Asset name and use the option "From blank".

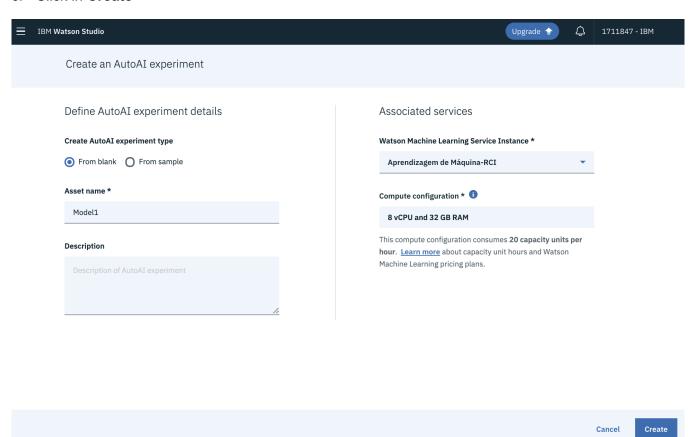




4. Click on "Associate a Machine Learning service instance" to select the machine learning service instance. Click **Select**.

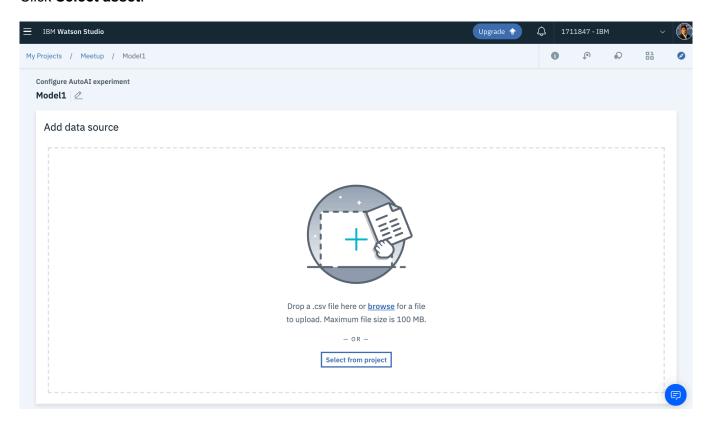


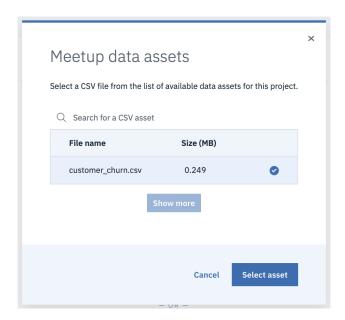
5. Click in Create





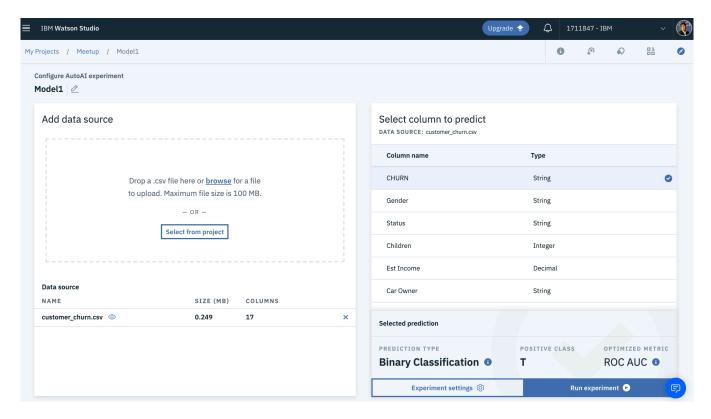
6. Click on **Select from project** to select the **customer_churn.csv** file already load in the project. Click **Select asset**.







7. Select the CHURN column, on Select column to predict and click Run experiment.



8. Choose the best model and click on **Save as model**.

