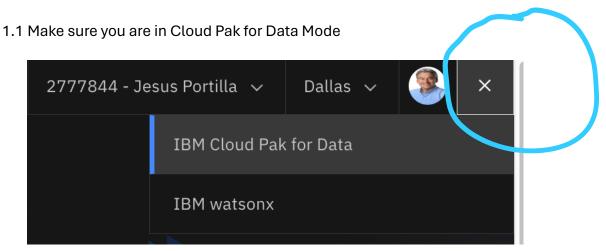
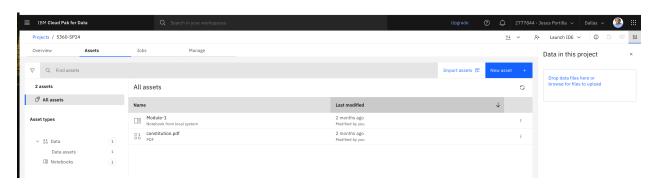
1. Login to IBM Watson Studio – Cloud Pak for Data

https://dataplatform.cloud.ibm.com/

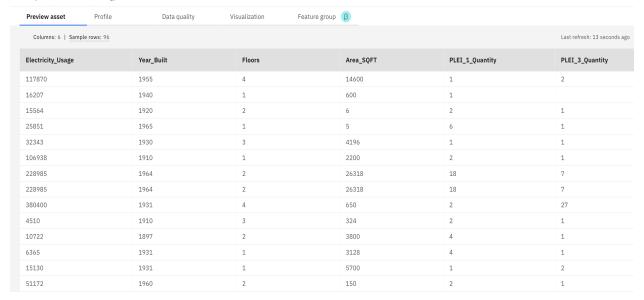


2. Navigate to Course project: 5360-SP24



3. Import Data

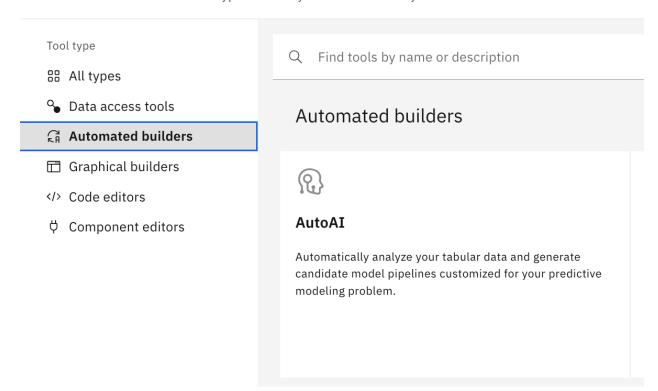
Select Drop Data here in Data in this Project Section, add energy-5360.csv, inspect the data



4. Create new AutoAl asset.

New asset

Select a tool based on what type of asset you want and how you want to work.



5. Complete configuration details:

Tags (optional)

Tags (optional)

Add tags to make assets easier to find.

Start typing to add tags

Define configuration

Watson Machine Learning Service Instance

WML-Leeds

WML-Leeds

WML-Leeds

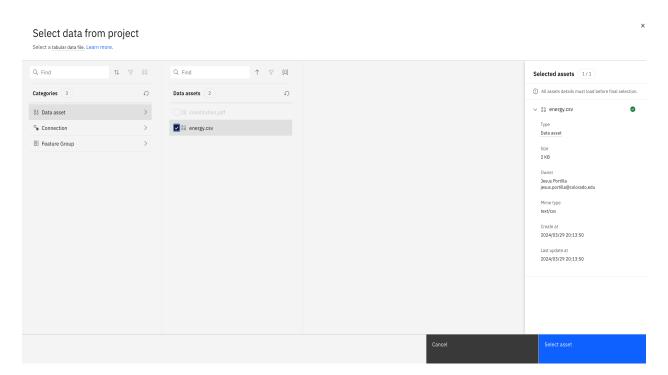
Environment definition ©

Large: 8 CPU and 32 GB RAM

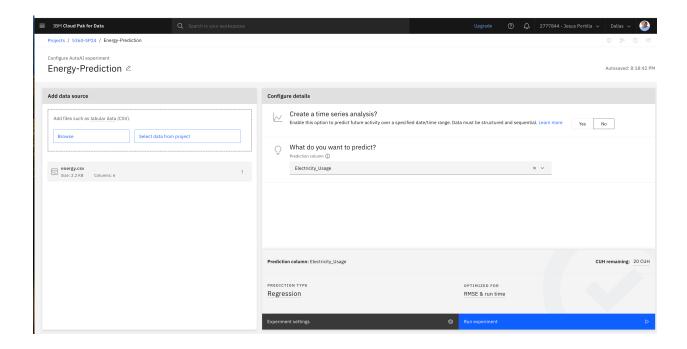
This environment definition consumes 20 capacity units per hour for training. For details, see

Watson Machine Learning plans.

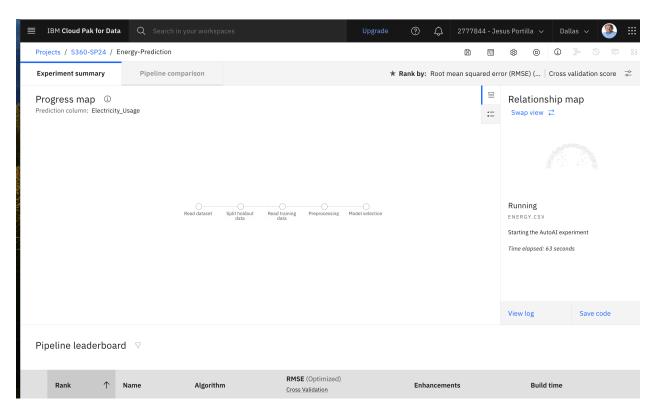
6. Select Data asset energy-5360.csv loaded earlier:



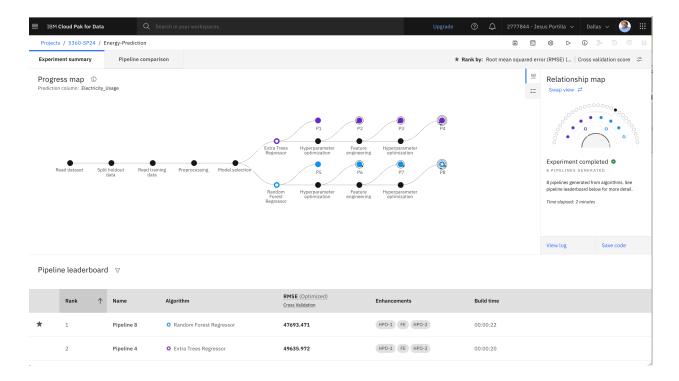
7. Answer configuration questions



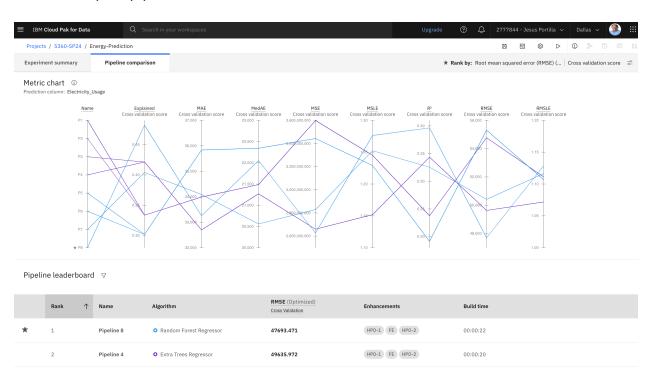
8. Monitor AutoAl Experiment



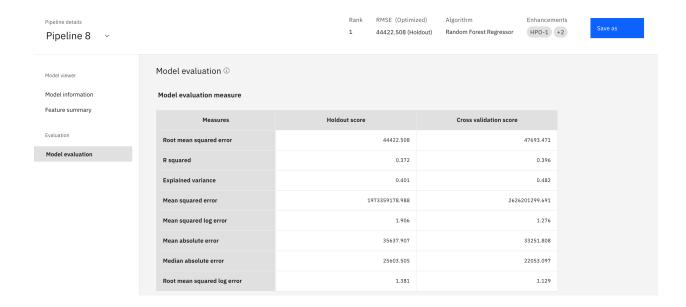
9. Select the best pipeline from AutoAI Experiment run:



10. Compare pipelines metrics:

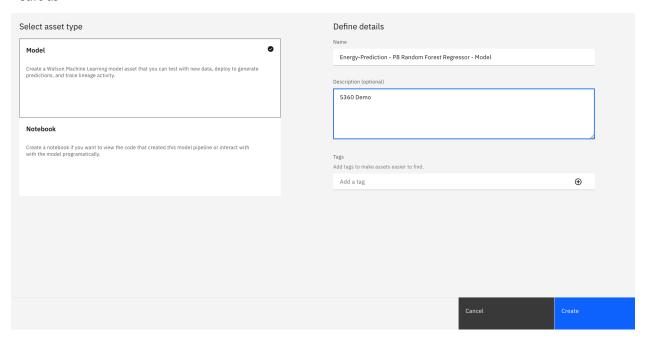


11. Select the best pipeline (Pipeline 8) and save it as a ML model:

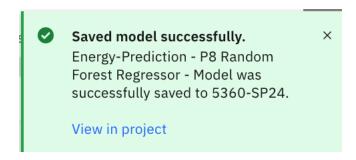


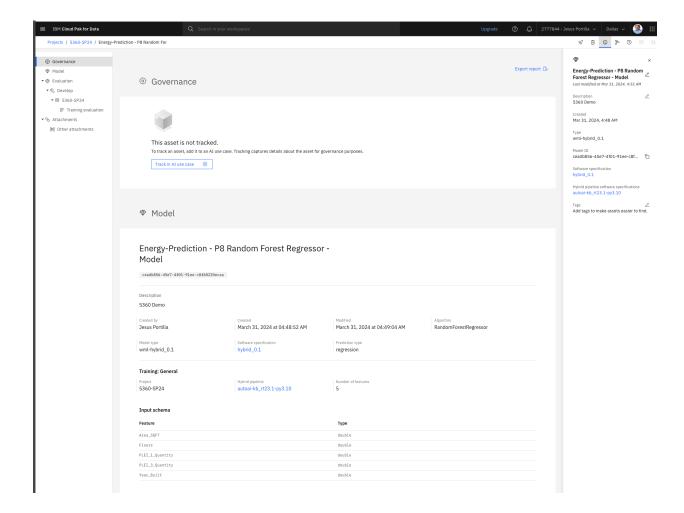
12. Complete the Save as details:

Save as

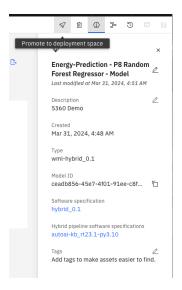


13. If Model is saved successfully, you will see the following message:

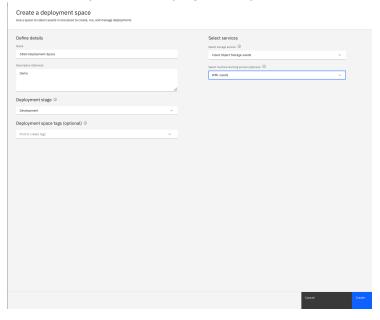




14. Next promote Model to a Deployment space



15. Complete the Deployment Space details as follows:



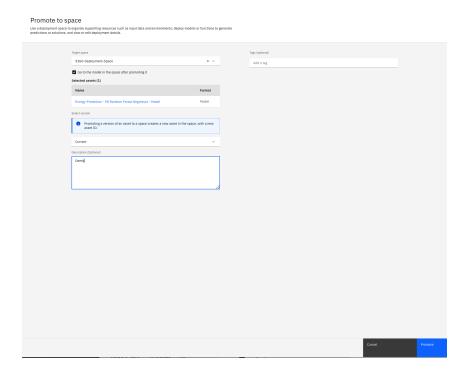
The space is ready

Close this notification to resume your work. Click **Deployments** in the navigation pane to view and access the new space.

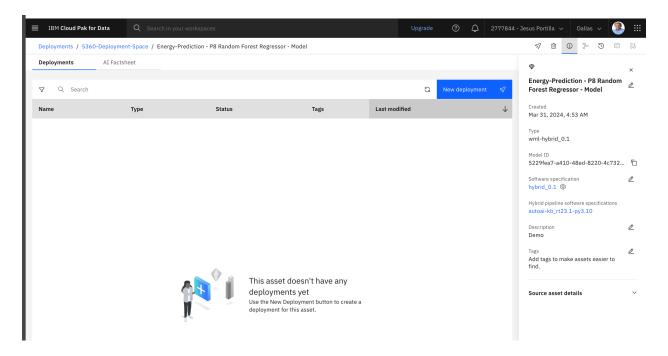
Step 1 of 1. Creating deployment space.



16. Deploy model to the newly created deployment space:

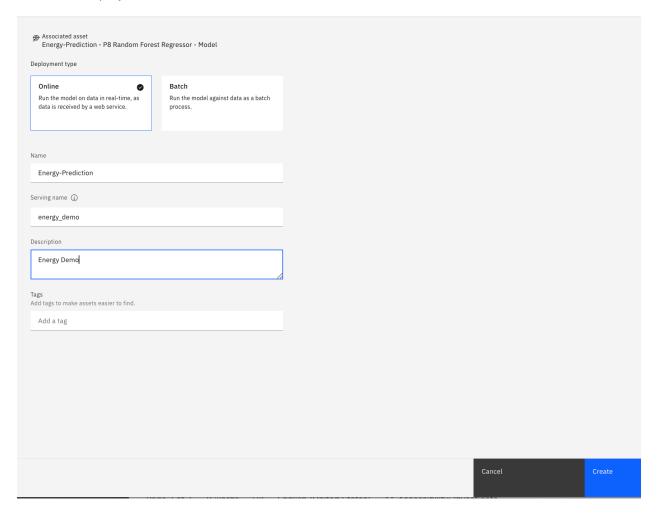


17. Create a Model deployment

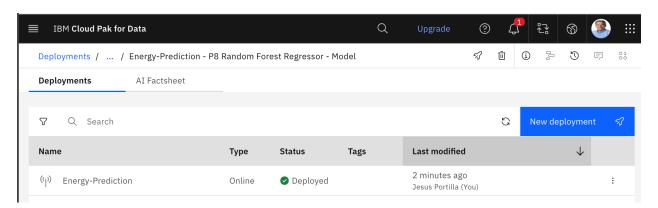


18. Complete deployment details

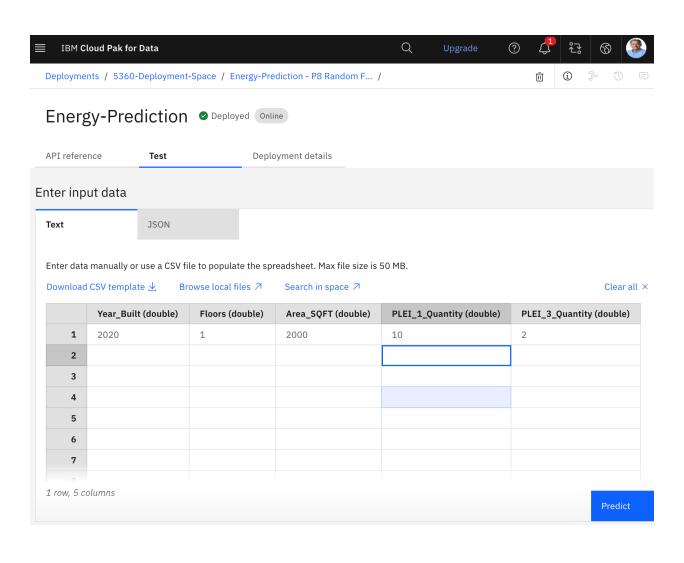
Create a deployment



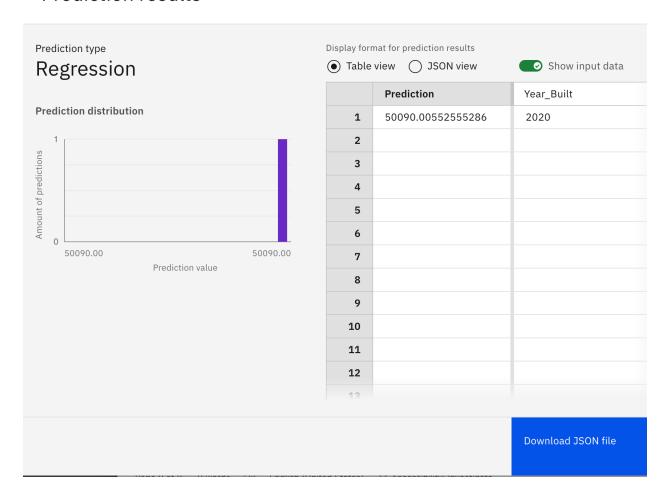
19. Once deployment is created, proceed to testing the model



20. Enter test data in the new deployment

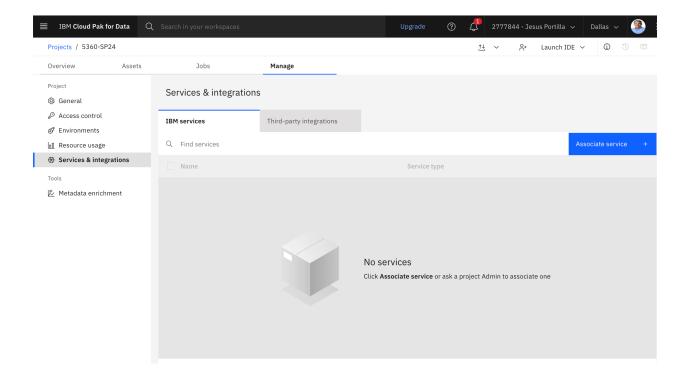


Prediction results



Configuration:

Make sure to associate a Watson Machine Learning instance to your Watson Studio instance



Associate service

Choose an existing or add a new service to associate with your project.

