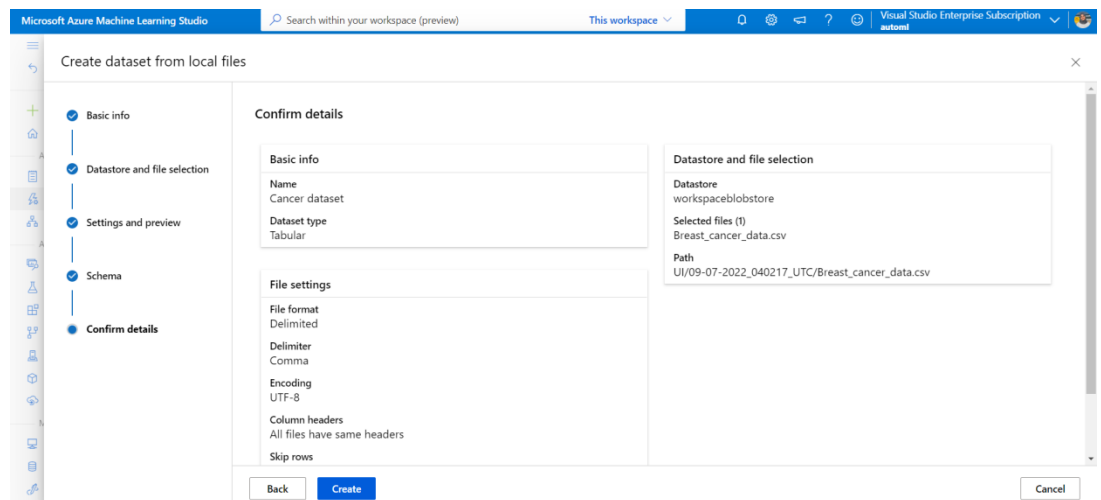


Mini-Project steps briefly

1. Create automatedML using Azure Machine Learning Studio :

- Create and load the Breast cancer dataset
- Choose the type of problem (classification)
- Choose the target column(diagnosis)
- Create a compute cluster



2. Explore models, explanations, metrics :

- Analyze the features importance
- Visualize the confusion matrix

Cancer prediction Completed

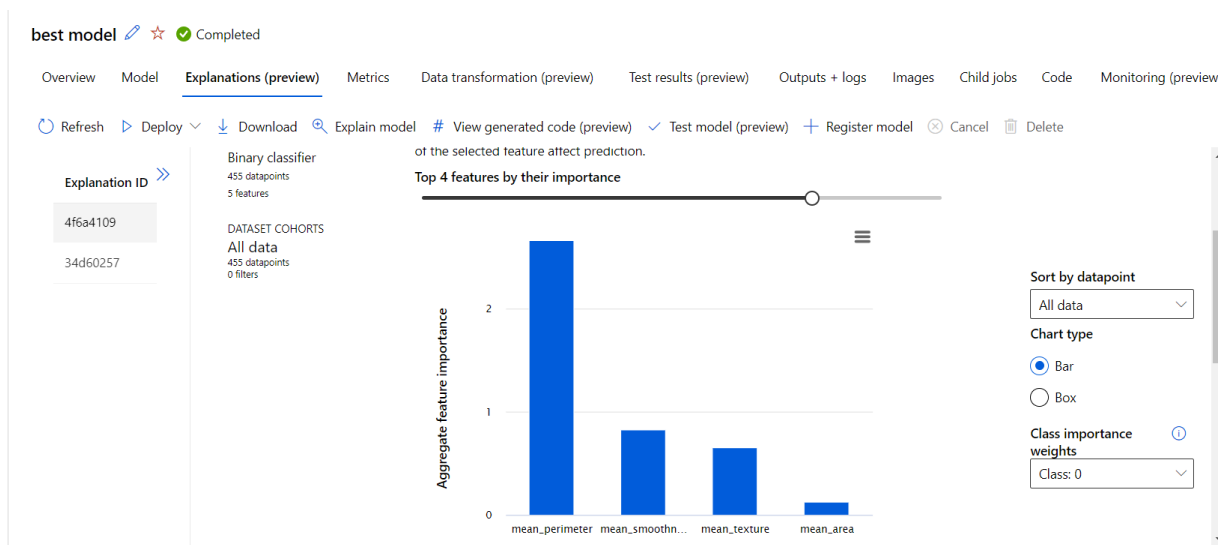
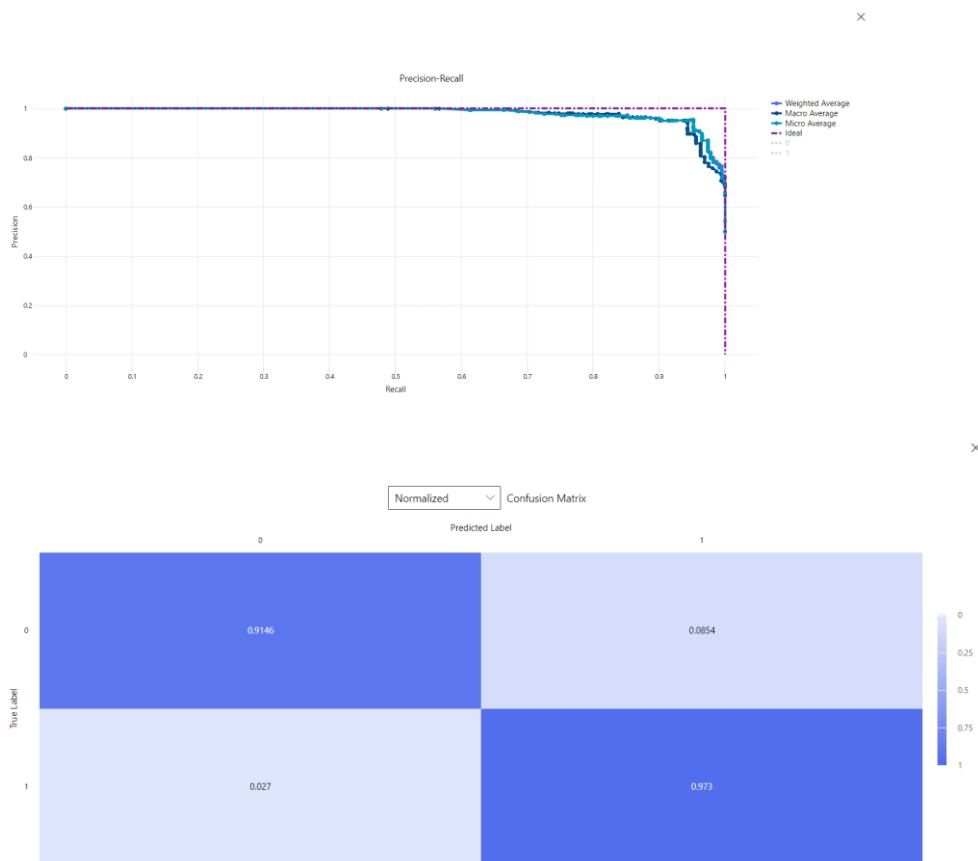
Overview Data guardrails **Models** Outputs + logs Child jobs

Refresh Edit and submit (preview) Register model Cancel Delete | Deplo

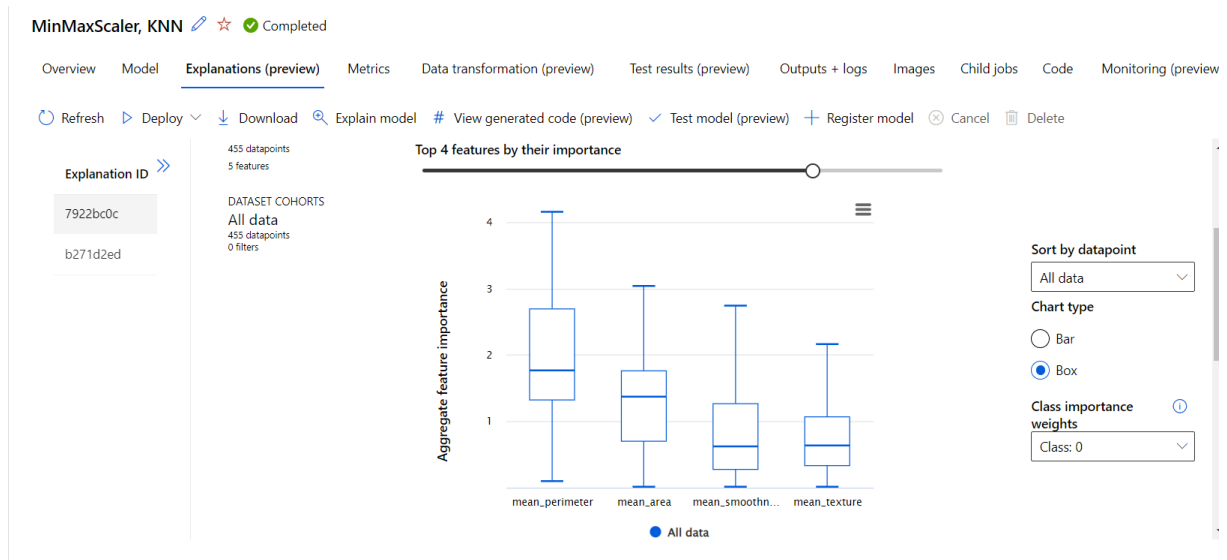
Search

Showing 1-25 of 64 models

Algorithm name	Explained	Accuracy ↓
VotingEnsemble	View explanation	0.95217
StackEnsemble		0.94783
StandardScalerWrapper, SGD		0.94783
StandardScalerWrapper, LogisticRegression		0.94783
MinMaxScaler, LogisticRegression		0.94783
MaxAbsScaler, LogisticRegression		0.94348









3. Discover the best model which has the best accuracy.
4. Ask for explanations even for models which don't provide the best results.



5. Test the model

best model    Completed

Overview Model Explanations (preview) Metrics Data transformation (preview) **Test results (preview)**

 Refresh  Deploy  Download  Explain model  View generated code (preview)  Test model (pr

Testing your model gives you the opportunity to see how your model performs before deployment.
Whenever you test your model, your results will be displayed here.

Algorithm name: **VotingEnsemble**

Display name	Accuracy ↓	Dataset used
lime_nutmeg_59c1wt50	0.86842	5ecca468-325f-4e88-b460-f883ccade0de

6. Deploy the model as a web service

