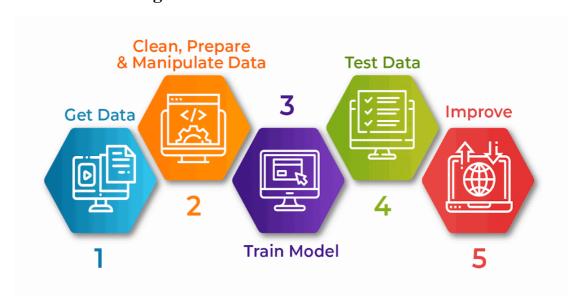


AZURE ML STUDIO

REGRESSION MODEL

Machine Learning Workflow



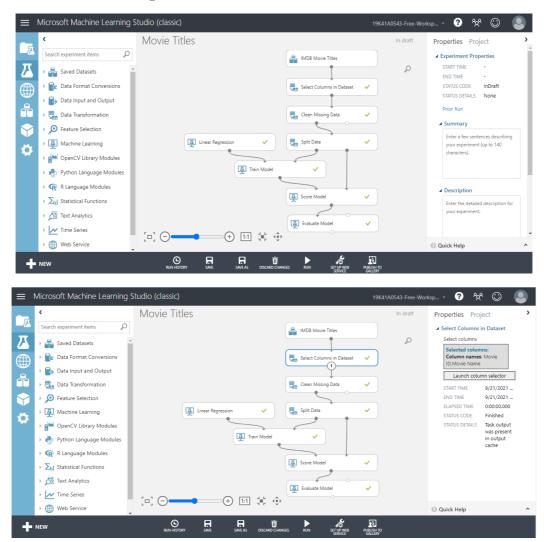
IMDB Movie Titles Using Regression Model

Regression model is used to predict the required solution for a problem statement based on the available data.

Workflow

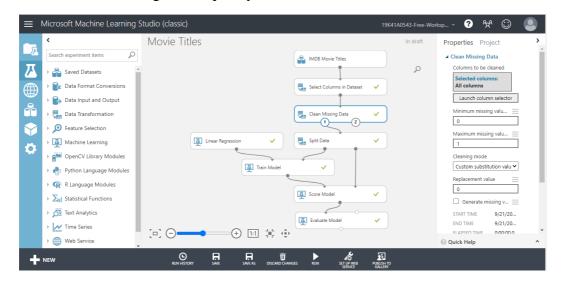
- > Data collection and prepare data
- > Develop the model
- > Train an ML model on data
- > Train model
- > Evaluate model accuracy
- > Deploy trained model
- > Send prediction requests to your model
- ➤ Manage your models
- > Upgrade or improve data

Collect Data & Prepare Data

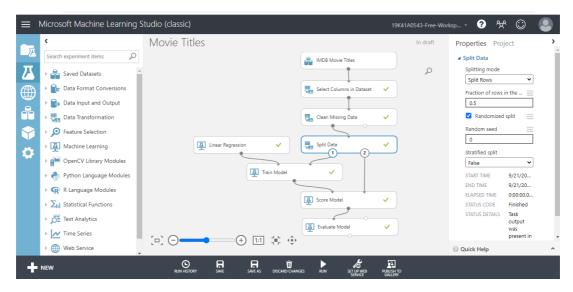


Clean & Manipulate Data

Missing data in the dataset can be ignored and removed or filled manually, basically the mean, median or highest frequency value.

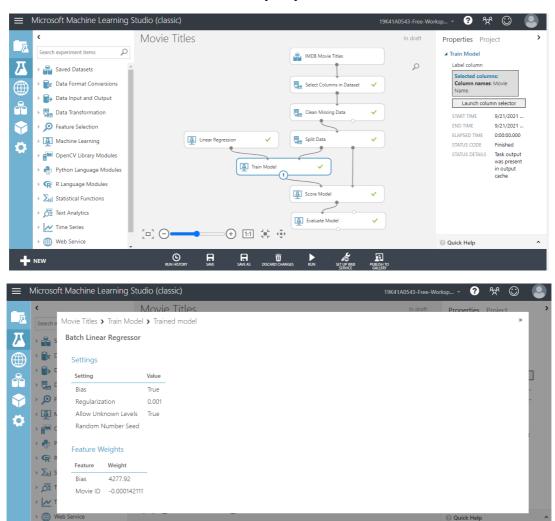


Split Data



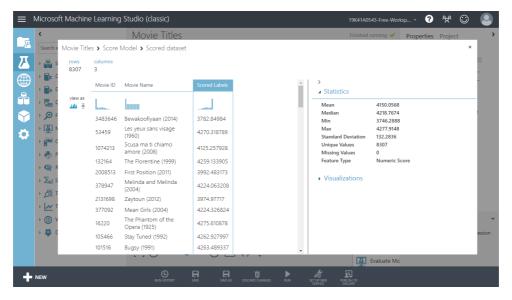
Train Model

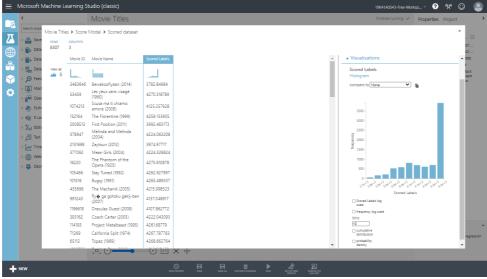
Train is a method to measure the accuracy of your model.



Score Model

Scoring is the process of generating values based on a trained machine learning model, given some new input data.





Testing & Evaluation

