

Churn prediction in Azure ML studio

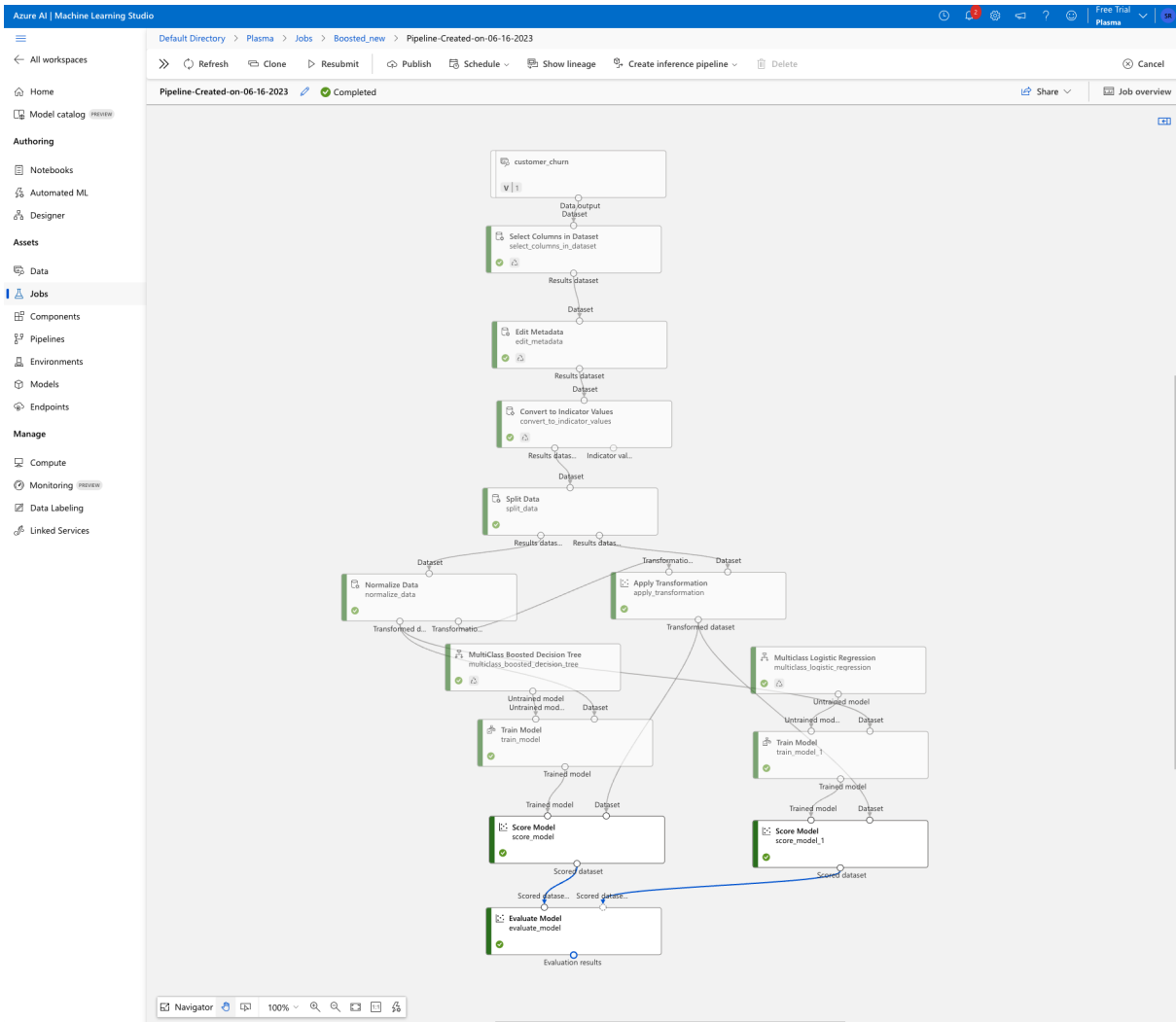
The first step in the process was data preparation, where I carefully curated and preprocessed the customer dataset to ensure its quality and suitability for analysis. This involved cleaning the data, handling missing values, and transforming variables as necessary.

Next, I explored and selected appropriate machine learning algorithms available in Azure ML Studio. This step involved assessing various algorithms such as logistic regression, decision trees, or random forests, and choosing the most suitable one for the specific churn prediction task.

After selecting the algorithm, I proceeded with the model training phase. Azure ML Studio provided a seamless environment to train the chosen model on the preprocessed dataset. I tuned the model's hyperparameters and utilised cross-validation techniques to enhance its performance and robustness.

Once the model training was completed, I evaluated its performance using relevant metrics such as accuracy, precision, recall, and F1 score. This evaluation step helped me gauge the effectiveness of the model in predicting customer churn accurately.

Pipeline in Azure ML Studio



Model Results

