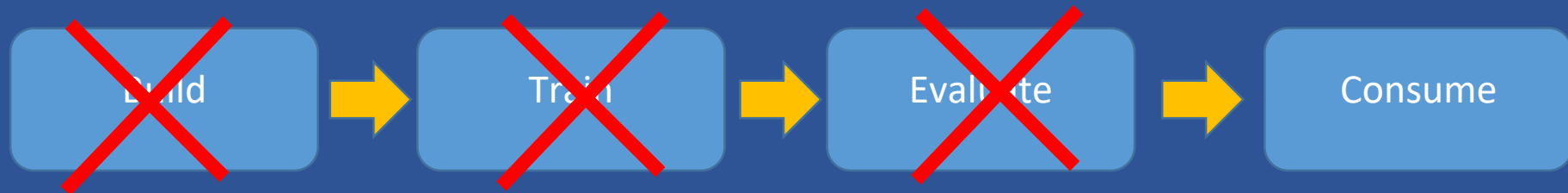


Batch Predict from file

In this session

- Write C# code for batch prediction
- Examine output result

Work flow



Working steps

1. Create project
2. Add NuGet packages
3. Add using name space
4. Create data set input/output scheme
5. Set data set path
6. Create context
7. Read test file
8. Create DiamondSheme object array

9. Make array of enumerable data record
10. Assign value to each object in array
11. Load from enumerable
12. Load Model
13. Create prediction view
14. Create enumerable prediction
15. Display Results

Examine output result

```
==== Prediction with multiple rows from file ===  
-----  
Actual price: 658      | Predicted price: 690.46  
Actual price: 4590     | Predicted price: 5218.84  
Actual price: 10019    | Predicted price: 9264.9  
Actual price: 2645     | Predicted price: 2284.89  
Actual price: 612      | Predicted price: 731.18  
Actual price: 10934    | Predicted price: 12407.9  
Actual price: 15067    | Predicted price: 15014.8  
Actual price: 5337     | Predicted price: 5351.65  
Actual price: 680      | Predicted price: 687.55  
Actual price: 4435     | Predicted price: 3898.39  
Actual price: 558      | Predicted price: 602.48  
Actual price: 1186     | Predicted price: 1208.73  
Actual price: 7418     | Predicted price: 7408.04  
Actual price: 14359    | Predicted price: 14368.6  
Actual price: 5408     | Predicted price: 5248.16  
Actual price: 13506    | Predicted price: 13644.2  
===== End of predictions =====
```

Coming next

Write code to split data set