

VS Codeでの開発

プロジェクトの作成

libに配下クラスライブラリ (mojo2-runtime.jar) を配置

```
src > J ExecuteDaiMojo.java x
19 // Load model and csv
20 final MojoPipeline model = MojoPipelineService.loadPipeline(new File(pathname, "/Users/YShimada-MBP16/Documents/Learning/Java/dai_mo
21
22 // Get and fill the input columns
23 final MojoFrameBuilder frameBuilder = model.getInputFrameBuilder();
24 final MojoRowBuilder rowBuilder = frameBuilder.getMojoRowBuilder();
25
26 rowBuilder.setValue("CRIM", "0.00632");
27 rowBuilder.setValue("ZN", "18");
28 rowBuilder.setValue("INDUS", "2.31");
29 rowBuilder.setValue("CHAS", "0");
30 rowBuilder.setValue("NOX", "0.538");
31 rowBuilder.setValue("RM", "6.575");
32 rowBuilder.setValue("AGE", "65.2");
33 rowBuilder.setValue("DIS", "4.09");
34 rowBuilder.setValue("RAD", "1");
35 rowBuilder.setValue("TAX", "296");
36 rowBuilder.setValue("PTRATIO", "15.3");
37 rowBuilder.setValue("B", "396.9");
38 rowBuilder.setValue("LSTAT", "4.98");
39 frameBuilder.addRow(rowBuilder);
40
41 // Create a frame which can be transformed by MOJO pipeline
42 final MojoFrame iframe = frameBuilder.toMojoFrame();
43
44 // Transform input frame by MOJO pipeline
45 final MojoFrame oframe = model.transform(iframe);
46 // 'MojoFrame.debug()' can be used to view the contents of a Frame
47 // oframe.debug();
48
49 // Output prediction as CSV
50 final Writer writer = new BufferedWriter(new OutputStreamWriter(System.out));
51 final CSVWriter csvWriter = new CSVWriter(writer);
52 CsvWritingBatchHandler.csvWriteFrame(csvWriter, oframe, true);
53 }
```

問題 出力 デバッグ コンソール ターミナル JUPYTER

```
daimojo2 % cd /Users/YShimada-MBP16/Documents/Learning/Java/dai_mojo/daimojo2 ; /usr/bin/env /Library/Java/JavaVirtualMachines/jdk-11.0.9.jdk/Contents/Home/bin/java @/var/folders/50/glkvvhjx03g22fwy2r0tgylr0000gn/T/cp_9ixrxvxlctbwt5p04gi8duv3i.argfile ExecuteDaiM ojo
2022-07-09 09:04:58.139 WARN d - Ignoring useless mapping from 'contrib_bias' to itself, coef is 1.0
WARNING: An illegal reflective access operation has occurred
WARNING: Illegal reflective access by ai.h2o.javassist.util.proxy.SecurityActions (file:/Users/YShimada-MBP16/Documents/Learning/Java/dai_mojo/daimojo2/lib/mojo2-runtime.jar) to method java.lang.ClassLoader.defineClass(java.lang.String,byte[],int,int,java.security.ProtectionDomain)
WARNING: Please consider reporting this to the maintainers of ai.h2o.javassist.util.proxy.SecurityActions
WARNING: Use --illegal-access=warn to enable warnings of further illegal reflective access operations
WARNING: All illegal access operations will be denied in a future release
MEDV
27.052086
```

zsh
Run: Execu...