

Classroom lab I: regression

- 利用Microsoft Azure云计算平台完成数据的回归分析
- Sign in Azure Machine Learning Studio:
<https://studio.azureml.net>
- 根据回归分析结果分析各参数的相对重要性
- Example data (data for exercise.xlsx): download from <http://cms.sjtu.edu.cn/download.html>
- For tutorial: <https://docs.microsoft.com/en-us/azure/machine-learning/studio/create-experiment>

Classroom lab II: Magpie

- We need Java.
- Check your Java: **java -version** (command line, Win: cmd or PowerShell; Mac: terminal)

Windows PowerShell

```
Windows PowerShell
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PS D:\Users\Lantingzh> java -version
java version "1.8.0_144"
Java(TM) SE Runtime Environment (build 1.8.0_144-b01)
Java HotSpot(TM) 64-Bit Server VM (build 25.144-b01, mixed mode)
PS D:\Users\Lantingzh> █
```

Install a correct version of Java

- For Win, **Java SE Runtime Environment 8u171** is needed. Visit <http://www.oracle.com/technetwork/java/javase/downloads/jre8-downloads-2133155.html>
- For mac, **Java SE Development Kit 8u171** is needed. Visit <http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html>
don't download and install **Java SE 10.0.1**
- In case a wrong version is installed, to uninstall: <https://docs.oracle.com/javase/10/install/installation-jdk-and-jre-macos.htm#JSJIG-GUID-F9183C70-2E96-40F4-9104-F3814A5A331F>