

Installing Graphviz and Pydotplus

For this tutorial, you will need to install two libraries to visualise decision trees:

- graphviz
- pydotplus

Windows:

1. Download and install graphviz
<http://www.graphviz.org/pub/graphviz/stable/windows/graphviz-2.38.msi>
2. Add graphviz to your PATH environment variable
 1. Go to Computer > Properties > Advanced system settings> Environment Variables and then find "Path" in the system variables box. Click on Path and click edit.
 2. Append "C:\ProgramFiles(x86)\Graphviz2.38\bin" to the end of the many paths that are already present in Path.
3. Type the following commands on windows command prompt
 1. pip install graphviz
 2. conda install -c conda-forge pydotplus

If you see error "pip is not recognized as an internal or external command" when using "pip", you may refer to the following video.

<http://mycodingzone.net/blogpost/english/pip-is-not-recognized-as-an-internal-or-external-command>

If you see error "conda is not recognized as an internal or external command" when using "pip", refer to the document attached in tutorial material to see how to use Anaconda command prompt to run "conda"

If you see error "InvocationException: GraphViz's executables not found", you may run below code in Python:

```
import os
os.environ["PATH"] += os.pathsep + 'C:/Program Files (x86)/Graphviz2.38/bin/'
```

Mac OS X:

1. Type the following on the terminal
 1. pip install graphviz
 2. conda install graphviz
 3. conda install -c conda-forge pydotplus