



# Real Python Cheat Sheet

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## Conda Usage Examples

Environment management	
List the existent conda environments	<code>conda env list</code>
Create a new environment	<code>conda create --name &lt;environment name&gt;</code>
Create a new environment with a specific version of Python	<code>conda create --name &lt;environment name&gt; python=&lt;version&gt;</code>
Activate an environment	<code>conda activate &lt;environment name&gt;</code>
Deactivate an environment	<code>deactivate</code>
Remove an environment (should be deactivated)	<code>conda remove --name &lt;environment name&gt; --all</code>
Package management	
List packages of an activated environment	<code>conda list</code>
Search for a package on the configured channels	<code>conda search &lt;package name&gt; - can use the wildcard *&gt;</code>
Search for a package on a specific channel	<code>conda search -c &lt;channel name&gt; &lt;package name&gt;</code>
Check the current list of channels	<code>conda config --get channels</code>
Include a channel with lowest priority	<code>conda config --append channels &lt;channel name&gt;</code>
Include a channel with highest priority	<code>conda config --prepend channels &lt;channel name&gt;</code>
Install a package in the activated environment	<code>conda install &lt;package name&gt;</code>
Install a specific version of a package in the activated environment	<code>conda install &lt;package name&gt;=&lt;version&gt;</code>
Install a set of packages all in once in the activated environment	<code>conda install &lt;package 1&gt; &lt;package 2&gt; ... &lt;package N&gt;</code>
Update a package in the activated environment	<code>conda update &lt;package name&gt;</code>
Update all packages in the activated environment	<code>conda update --all</code>
Remove a package of the activated environment	<code>conda remove &lt;package name&gt;</code>

Learn more about setting up Anaconda and Conda on Windows at <https://realpython.com/python-windows-machine-learning-setup/>