

Systematic Approach to Solving Machine Learning Problems

Workshop Prerequisite

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INSTALLING PYTHON & JUPYTER

It is HIGHLY suggested you use the Anaconda distribution for this course and installing packages. You can install the Anaconda distribution here: <http://continuum.io/downloads>

Pick the correct OS and install Python 2.7 from the above link.

IMPORTANT NOTE: This workshop uses **Python 2** and *not Python 3*.

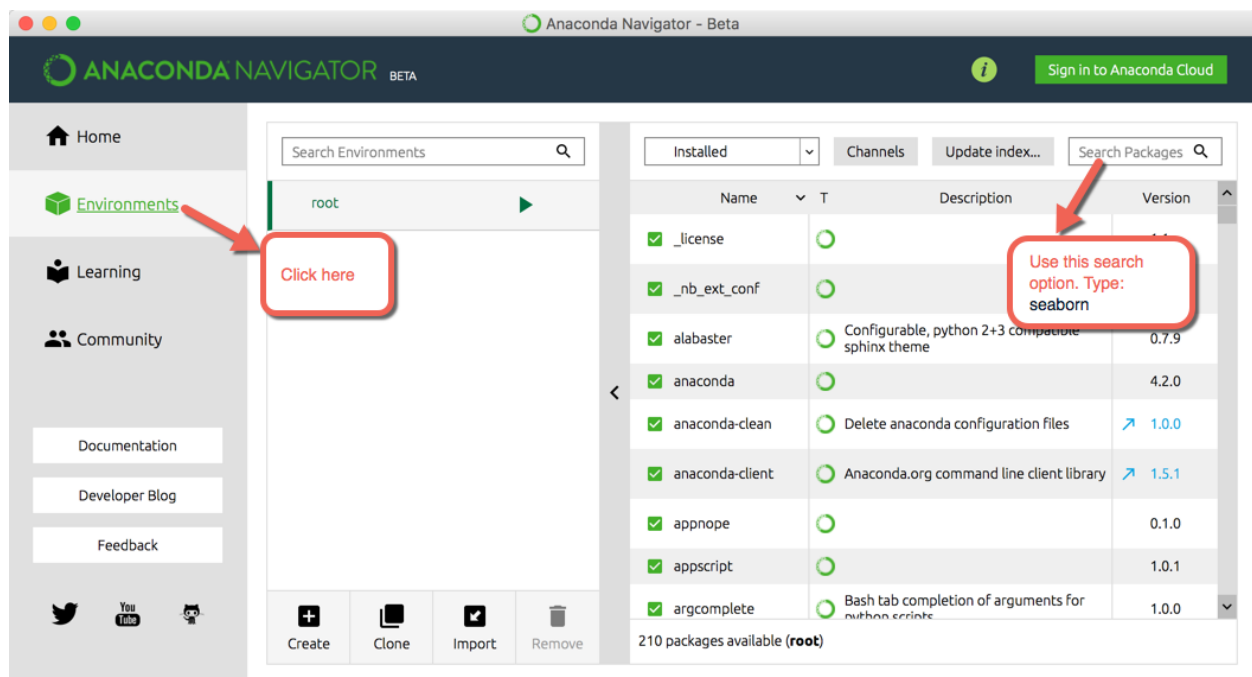
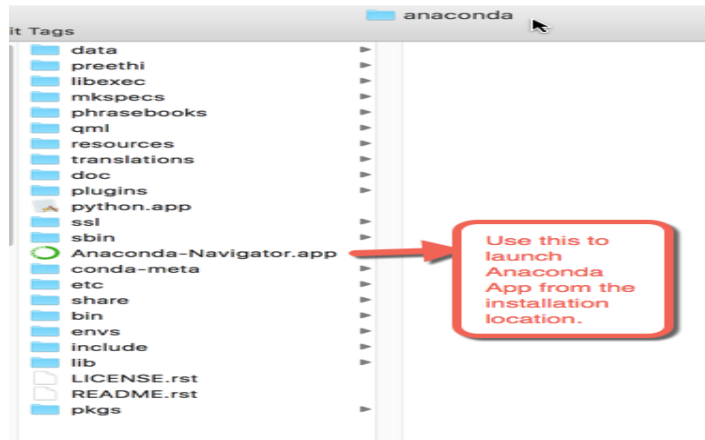
The screenshot shows the Anaconda download page for Windows. The URL in the browser is <https://www.continuum.io/downloads#windows>. The page has three tabs: "Download for Windows" (selected), "Download for OSX", and "Download for Linux". Under the "Download for Windows" tab, the heading is "Anaconda 4.2.0 For Windows". Below this, it states "Anaconda is BSD licensed which gives you permission to use Anaconda commercially and for redistribution." and provides a "Changelog" link. A list of instructions is provided: 1. Download the installer, 2. Optional: Verify data integrity with MD5 or SHA-256 (with a "More info" link), and 3. Double-click the .exe file to install Anaconda and follow the instructions on the screen. A note mentions "Behind a firewall? Use these zipped Windows installers". On the right, there are two sections: "Python 3.5 version" with a green "64-BIT INSTALLER (391M)" button and a green "32-BIT INSTALLER (333M)" button, and "Python 2.7 version" with a blue "64-BIT INSTALLER (381M)" button and a blue "32-BIT INSTALLER (324M)" button. A red arrow points to the "64-BIT INSTALLER (381M)" button for Python 2.7, and a red box with text "Use 64 bit/32 bit installer for Python 2.7" points to it.

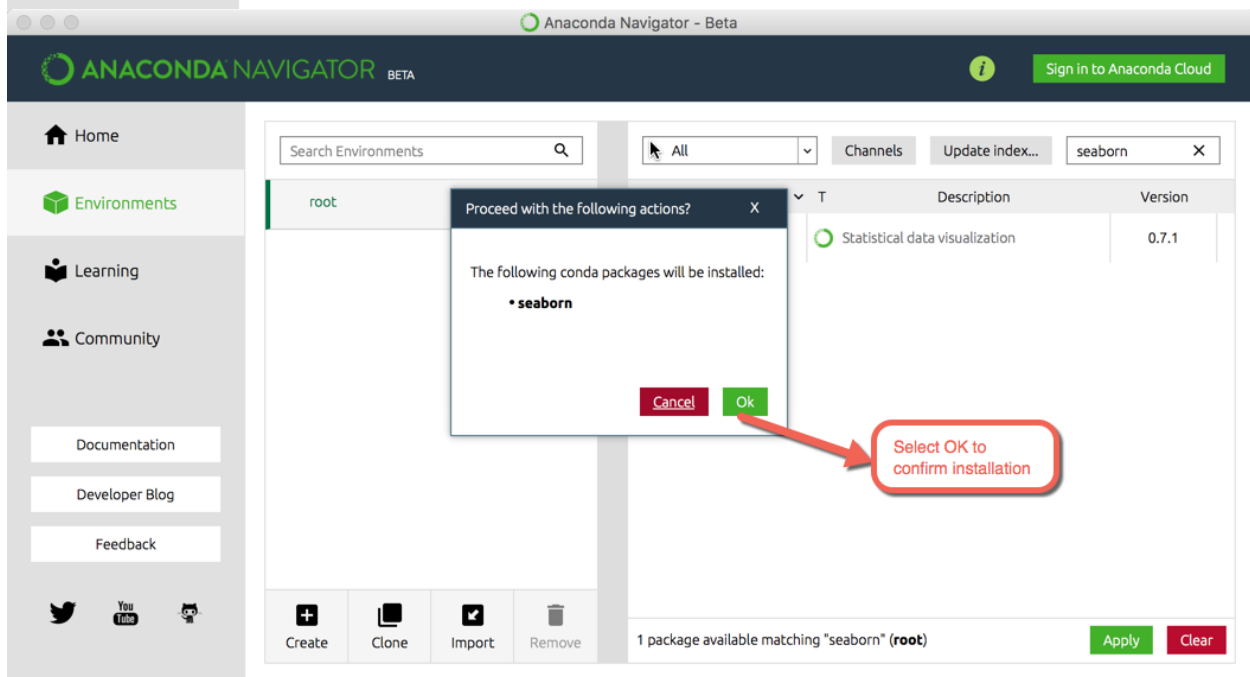
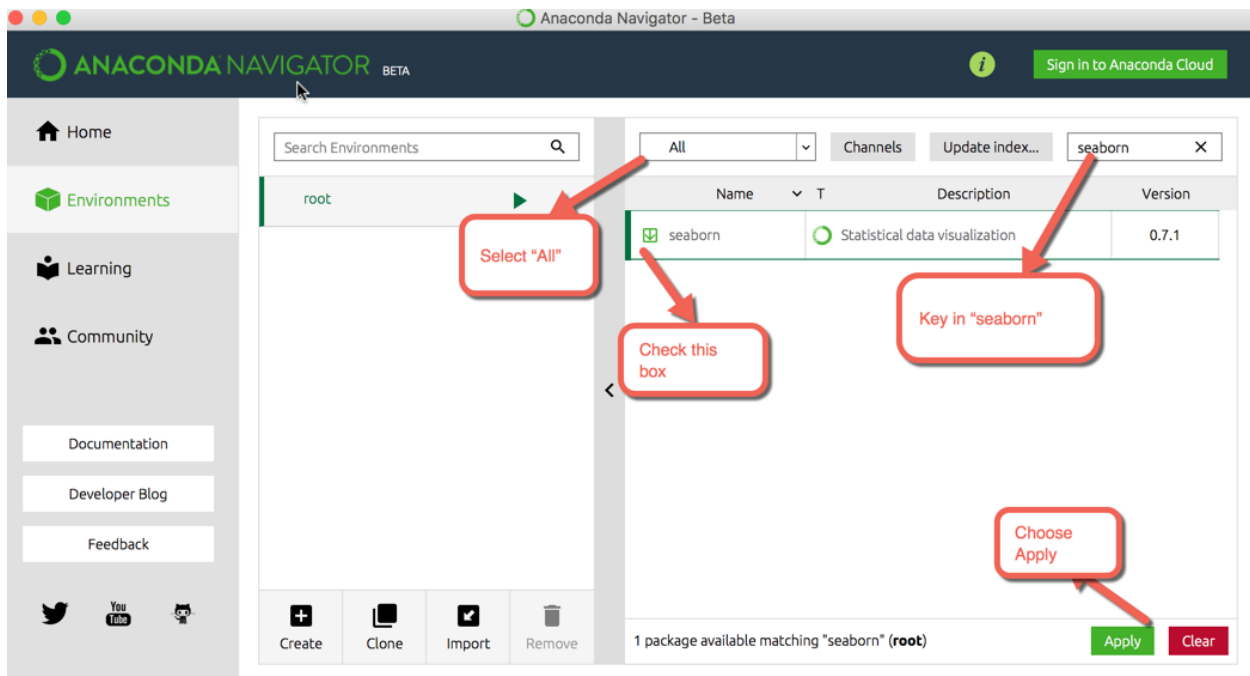
The screenshot shows the Anaconda download page for OSX. The URL in the browser is <https://www.continuum.io/downloads#windows>. The page has three tabs: "Download for Windows", "Download for OSX" (selected), and "Download for Linux". Under the "Download for OSX" tab, the heading is "Anaconda 4.2.0 For OSX". Below this, it states "Anaconda is BSD licensed which gives you permission to use Anaconda commercially and for redistribution." and provides a "Changelog" link. There are two sections: "Graphical Installer" and "Command Line Installer". The "Graphical Installer" section has instructions: 1. Download the graphical installer, 2. Double-click the downloaded .pkg file and follow the instructions. The "Command Line Installer" section has instructions: 1. Download the command-line installer, 2. Optional: Verify data integrity with MD5 or SHA-256 (with a "More info" link), and 3. In your terminal window type one of the below and follow the instructions: **Python 3.5 version**. On the right, there are two sections: "Python 3.5 version" with a green "GRAPHICAL INSTALLER (407M)" button and a green "COMMAND-LINE INSTALLER (349M)" button, and "Python 2.7 version" with a blue "GRAPHICAL INSTALLER (403M)" button and a blue "COMMAND-LINE INSTALLER (346M)" button. A red arrow points to the "GRAPHICAL INSTALLER (403M)" button for Python 2.7, and a red box with text "Use the Python 2.7 version" points to it.

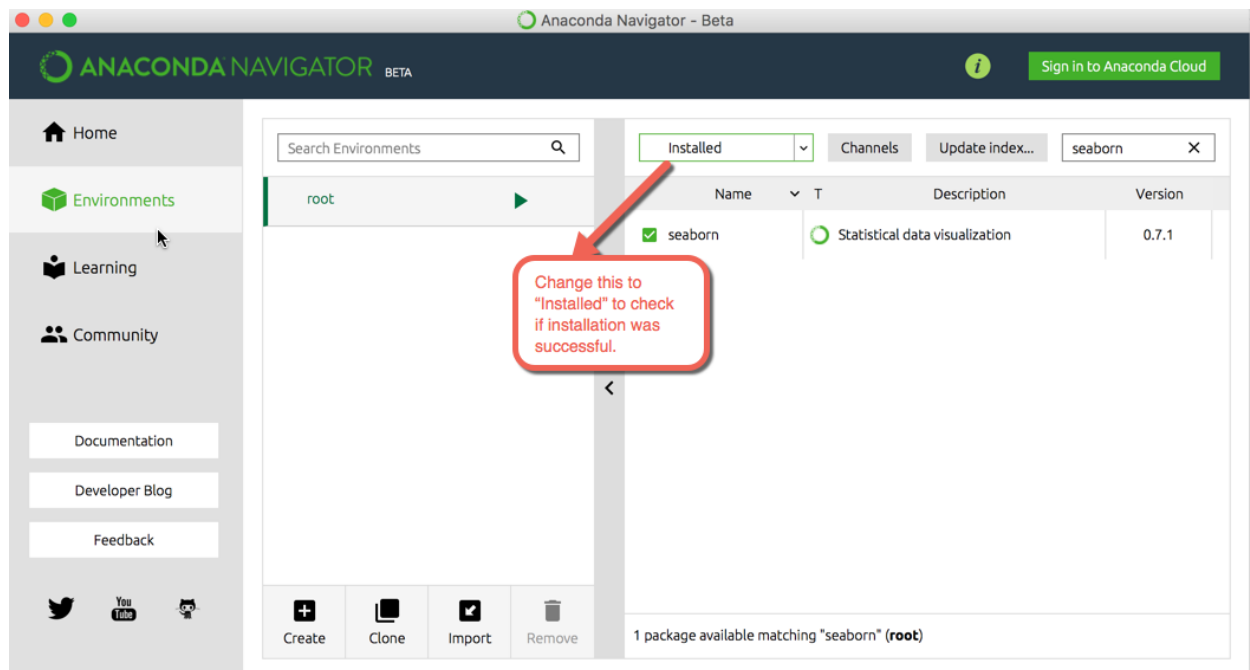
INSTALLING SEABORN

Launch the Anaconda App, use the environment option to install any new packages. Seaborn is an additional package. The following steps describe how to install seaborn.

Steps in MAC

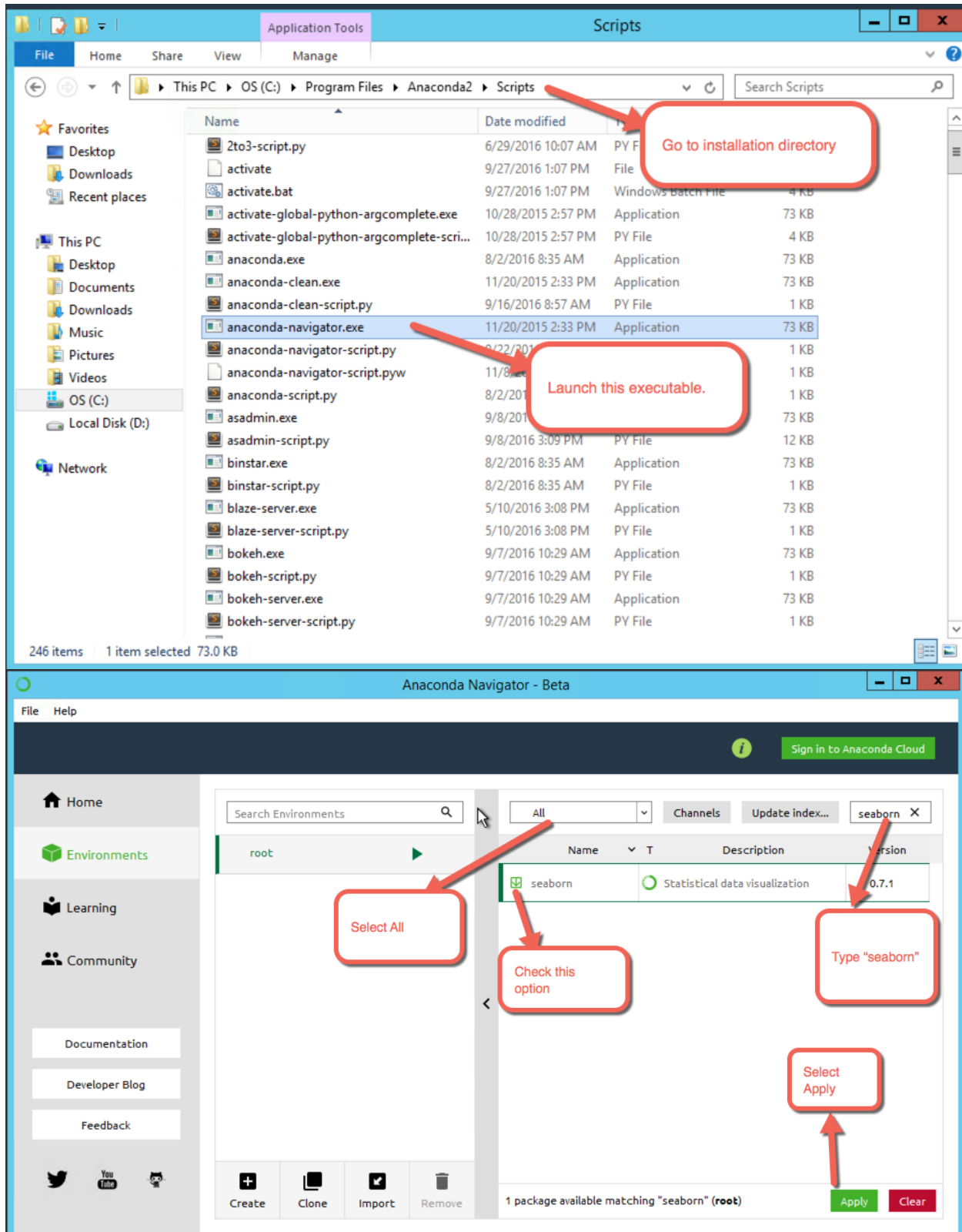


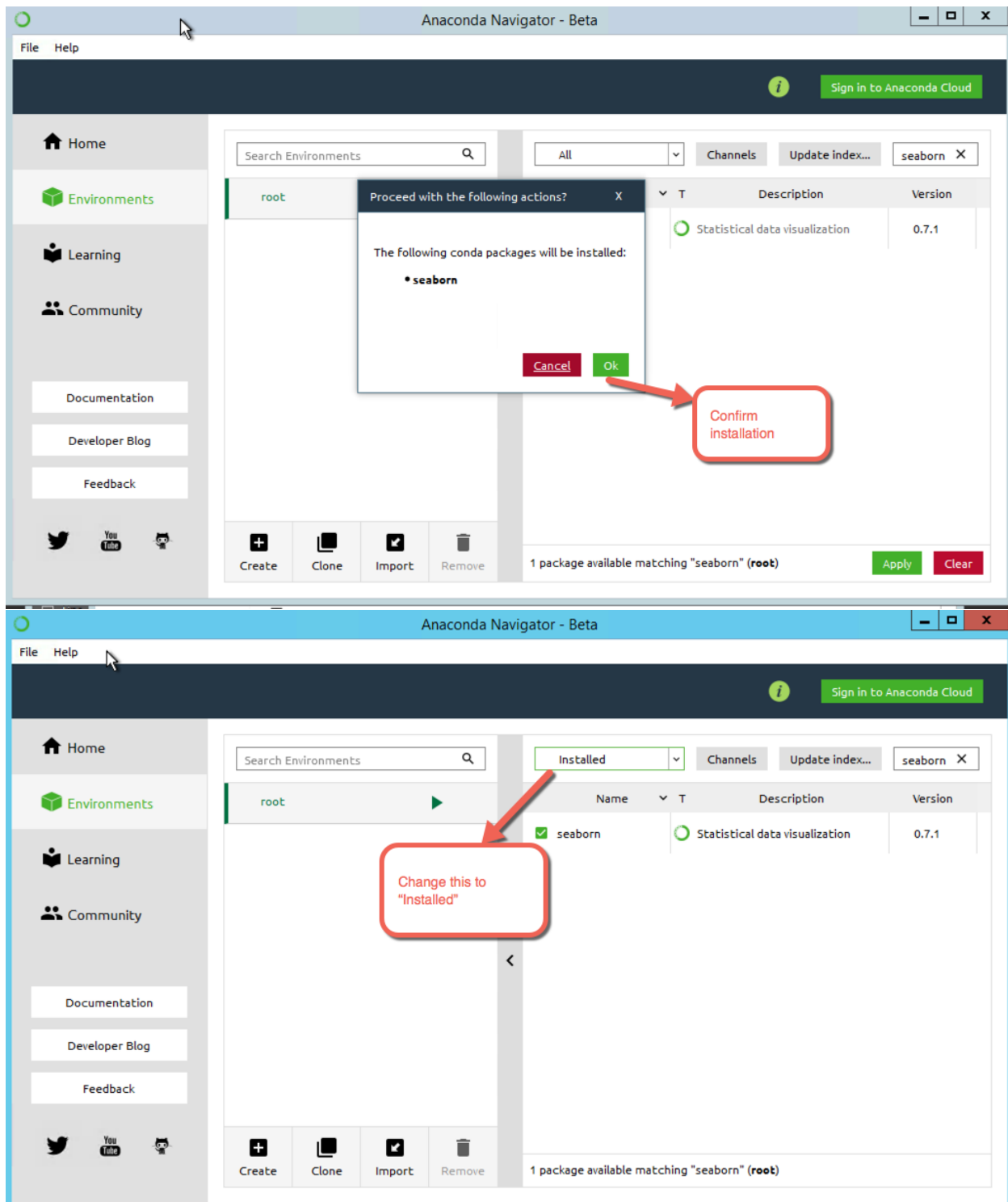




The seaborn package appears in the installed list of packages.

Steps in Windows





The seaborn package appears in the installed list of packages.

Note: If you have any doubts please reach out to:

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