

# **Installere ekstra pakker til Anaconda.**

**Eksempel med Jupyter og Spyder plugins**

# Start Anaconda navigator

The screenshot shows the Anaconda Navigator desktop application. The interface is divided into a left sidebar and a main content area. The sidebar contains navigation links: Home (active), Environments, Learning, and Community. Below these is a promotional banner for 'ANACONDA NUCLEUS' with a 'Join Now' button. Further down are links for 'Discover premium data science content', 'Documentation', and 'Anaconda Blog'. At the bottom of the sidebar are social media icons for Twitter, YouTube, and GitHub. The main content area has a header with the 'ANACONDA.NAVIGATOR' logo, an 'Upgrade Now' button, and a 'Sign in' button. Below the header, there's a section titled 'Applications on' with a dropdown menu set to 'base (root)' and a 'Channels' button. A 'Refresh' button is also present. The main area displays a grid of application tiles, each with an icon, name, version, description, and a 'Launch' button. The tiles are: 1. 'CMD.exe Prompt' (version 0.1.1) with the description 'Run a cmd.exe terminal with your current environment from Navigator activated'. 2. 'Datalore' with the description 'Online Data Analysis Tool with smart coding assistance by JetBrains. Edit and run your Python notebooks in the cloud and share them with your team.' 3. 'IBM Watson Studio Cloud' with the description 'IBM Watson Studio Cloud provides you the tools to analyze and visualize data, to cleanse and shape data, to create and train machine learning models. Prepare data and build models, using open source data science tools or visual modeling.' 4. 'JupyterLab' (version 3.1.7) with the description 'An extensible environment for interactive and reproducible computing, based on the Jupyter Notebook and Architecture.' 5. 'Notebook' (version 6.4.3) with the description 'Web-based, interactive computing notebook environment. Edit and run human-readable docs while describing the data analysis.' 6. 'Powershell Prompt' (version 0.0.1) with the description 'Run a Powershell terminal with your current environment from Navigator activated'.

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Applications on base (root) Channels Refresh

**CMD.exe Prompt**  
0.1.1  
Run a cmd.exe terminal with your current environment from Navigator activated  
Launch

**Datalore**  
Online Data Analysis Tool with smart coding assistance by JetBrains. Edit and run your Python notebooks in the cloud and share them with your team.  
Launch

**IBM Watson Studio Cloud**  
IBM Watson Studio Cloud provides you the tools to analyze and visualize data, to cleanse and shape data, to create and train machine learning models. Prepare data and build models, using open source data science tools or visual modeling.  
Launch

**JupyterLab**  
3.1.7  
An extensible environment for interactive and reproducible computing, based on the Jupyter Notebook and Architecture.  
Launch

**Notebook**  
6.4.3  
Web-based, interactive computing notebook environment. Edit and run human-readable docs while describing the data analysis.  
Launch

**Powershell Prompt**  
0.0.1  
Run a Powershell terminal with your current environment from Navigator activated  
Launch

# Velg environments

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0.1.1  
Run a cmd.exe terminal with your current environment from Navigator activated  
Launch

**Datalore**  
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Launch

**IBM Watson Studio Cloud**  
IBM Watson Studio Cloud provides you the tools to analyze and visualize data, to cleanse and shape data, to create and train machine learning models. Prepare data and build models, using open source data science tools or visual modeling.  
Launch

**JupyterLab**  
3.1.7  
An extensible environment for interactive and reproducible computing, based on the Jupyter Notebook and Architecture.  
Launch

**Jupyter Notebook**  
6.4.3  
Web-based, interactive computing notebook environment. Edit and run human-readable docs while describing the data analysis.  
Launch

**Powershell Prompt**  
0.0.1  
Run a Powershell terminal with your current environment from Navigator activated  
Launch

Trykk på  
*Channels*-knappen

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Search Environments

base (root)

Installed Channels Update index... Search Packages

Name	Description	Version
✓ _anaconda_depends	Simplifies package management and deployment of anaconda	2020.07
✓ _ipyw_jlab_nb_ex...	A configuration metapackage for enabling anaconda-bundled jupyter extensions	0.1.0
✓ alabaster	Configurable, python 2+3 compatible sphinx theme.	0.7.12
✓ anaconda	Simplifies package management and deployment of anaconda	<a href="#">custom</a>
✓ anaconda-client	Anaconda cloud command line client library	1.8.0
✓ anaconda-project	Tool for encapsulating, running, and reproducing data science projects	0.10.1
✓ anyio	High level compatibility layer for multiple asynchronous event loop implementations on python	2.2.0
✓ appdirs	A small python module for determining appropriate platform-specific dirs.	1.4.4
✓ argh	The natural cli.	0.26.2
✓ argon2-cffi	The secure argon2 password hashing algorithm.	20.1.0
✓ asn1crypto	Python asn.1 library with a focus on performance and a pythonic api	1.4.0
✓ astroid	A abstract syntax tree for python with inference support.	<a href="#">2.6.6</a>

391 packages available

Trykk på **Add**-knappen

The screenshot shows the Anaconda Navigator application window. The interface includes a sidebar with navigation options: Home, Environments, Learning, and Community. The main area displays a list of installed packages for the 'base (root)' environment. A 'Channels' dialog box is open, showing a list of channels to manage. The dialog has a title 'Manage channels you want Navigator to include.' and an 'Add...' button. The list of channels includes 'defaults' and 'conda-forge'. The 'Update channels' button is highlighted in green.

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Channels Update index... Search Packages

Manage channels you want Navigator to include.

Add...

defaults

conda-forge

Update channels

Name	Type	Description	Version
✓ _anaconda_depends	Simple	Simple package management and deployment of anaconda	2021.0
✓ _ipyw_jlab_nb_ex...	A con	A conda jupyter extension	0.1.0
✓ alabaster	Config	Configurable python 2+3 compatible sphinx theme	0.7.12
✓ anaconda	Simple	Simple package management and deployment of anaconda	2021.0
✓ anaconda-client	Anaco	Anaconda cloud command line client library	1.10.0
✓ anaconda-project	Tool f	Tool for encapsulating, running, and reproducing data science projects	2.1.0
✓ anyio	High	High level event loop implementations on python	2.2.0
✓ appdirs	A small	A small python module for determining appropriate platform-specific dirs.	1.4.4
✓ argh	The nat	The natural cli.	0.26.2
✓ argon2-cffi	The sec	The secure argon2 password hashing algorithm.	20.1.0
✓ asn1crypto	Python	Python asn.1 library with a focus on performance and a pythonic api	1.4.0
✓ astroid	A abstr	A abstract syntax tree for python with inference support.	2.6.6

391 packages available

Trykk add igjen, skriv  
spyder-ide og trykk  
enter

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base (root)

Installed

Channels Update index... Search Packages

Manage channels you want Navigator to include.

Name	Type	Description	Version	Actions
defaults		Default package management and deployment of anaconda	2020.07	Remove
conda-forge		conda-forge package for enabling anaconda bundled extensions	Q 1.9	Remove
spyder-ide		spyder-ide compatible anaconda theme	Q 7.1.2	Remove
anaconda		Simple package management and deployment of anaconda	1.3.0	Remove
anaconda-client		Anaconda command line client library	1.3.0	Remove
anaconda-project		Tool for encapsulating, running and reproducing projects	2.0.0	Remove
anyio		High level event loop implementations on python	2.0.0	Remove
appdirs		A small python module for determining appropriate platform-specific dirs.	1.4.4	Remove
argh		The natural cli.	0.26.2	Remove
argon2-cffi		The secure argon2 password hashing algorithm.	20.1.0	Remove
asn1crypto		Python asn.1 library with a focus on performance and a pythonic api	1.4.0	Remove
astroid		A abstract syntax tree for python with inference support.	2.6.6	Remove

391 packages available

Cancel Update channels

Trykk add igjen, skriv  
spyder-ide og trykk  
enter

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Installed

Channels Update index... Search Packages

Manage channels you want Navigator to include.

Name	Type	Description	Version	Actions
defaults	Channel	Default channel for managing and deployment of anaconda	2020.07	Remove
conda-forge	Channel	conda-forge channel for enabling anaconda bundled extensions	0.1.0	Remove
spyder-ide	Channel	conda-forge channel for enabling anaconda bundled extensions	0.7.1.2	Remove
anaconda	Channel	conda-forge channel for enabling anaconda bundled extensions	1.3.0	Remove
anaconda-client	Channel	Tool for managing and deployment of anaconda	1.3.0	Remove
anaconda-project	Channel	Tool for managing and deployment of anaconda	1.3.0	Remove
anyio	Channel	High level event loop implementations on python	2.2.0	Remove
appdirs	Channel	A small python module for determining appropriate platform-specific dirs.	1.4.4	Remove
argh	Channel	The natural cli.	0.26.2	Remove
argon2-cffi	Channel	The secure argon2 password hashing algorithm.	20.1.0	Remove
asn1crypto	Channel	Python asn.1 library with a focus on performance and a pythonic api	1.4.0	Remove
astroid	Channel	A abstract syntax tree for python with inference support.	2.6.6	Remove

391 packages available

Update channels



Trykk på *Update channels*-knappen  
(dette kan ta litt tid)

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Search Environments

base (root)

Installed

Channels Update index... Search Packages

Manage channels you want Navigator to include.

Name	Type	Description	Version	Add...
defaults			2020.07	
conda-forge			0.71.2	
spyder-ide			1.3.0	
_anaconda_depends		Simplified package management and deployment of anaconda		
_ipyw_jlab_nb_ext...		A conda jupyter extension		
alabaster		Configuration compatible Sphinx theme		
anaconda		Simplified package management and deployment of anaconda		
anaconda-client		Anaconda command line client library		
anaconda-project		Tool for encapsulating, running, and reproducing data science projects		
anyio		High level event loop implementations on python		
appdirs		A small python module for determining appropriate platform-specific dirs.	1.4.4	
argh		The natural cli.	0.26.2	
argon2-cffi		The secure argon2 password hashing algorithm.	20.1.0	
asn1crypto		Python asn.1 library with a focus on performance and a pythonic api	1.4.0	
astroid		A abstract syntax tree for python with inference support.	2.6.6	

391 packages available

Cancel Update channels



Trykk på drop-down  
menyen hvor det står  
*Installed*

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Create Clone Import Remove

Search Environments

base (root)

Installed Channels Update index... Search Packages

Name	T	Description	Version
✓ _anaconda_depends	🔄	Simplifies package management and deployment of anaconda	2020.07
✓ _ipyw_jlab_nb_ex...	🔄	A configuration metapackage for enabling anaconda-bundled jupyter extensions	0.1.0
✓ alabaster	🔄	Configurable, python 2+3 compatible sphinx theme.	0.7.12
✓ anaconda	🔄	Simplifies package management and deployment of anaconda	<a href="#">custom</a>
✓ anaconda-client	🔄	Anaconda cloud command line client library	<a href="#">1.8.0</a>
✓ anaconda-project	🔄	Tool for encapsulating, running, and reproducing data science projects	<a href="#">0.10.1</a>
✓ anyio	🔄	High level compatibility layer for multiple asynchronous event loop implementations on python	<a href="#">2.2.0</a>
✓ appdirs	🔄	A small python module for determining appropriate platform-specific dirs.	1.4.4
✓ argh	🔄	The natural cli.	0.26.2
✓ argon2-cffi	🔄	The secure argon2 password hashing algorithm.	<a href="#">20.1.0</a>
✓ asn1crypto	🔄	Python asn.1 library with a focus on performance and a pythonic api	1.4.0
✓ astroid	🔄	A abstract syntax tree for python with inference support.	<a href="#">2.6.6</a>

391 packages available

Velg All

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Create Clone Import Remove

Search Environments

base (root)

Installed

- ✓ Installed
- Not installed
- Updatable
- Selected
- All

Channels Update index... Search Packages

	Description	Version
✓ anaconda	Simplifies package management and deployment of anaconda	2020.07
✓ anaconda-client	Anaconda cloud command line client library	1.8.0
✓ anaconda-project	Tool for encapsulating, running, and reproducing data science projects	0.10.1
✓ anyio	High level compatibility layer for multiple asynchronous event loop implementations on python	2.2.0
✓ appdirs	A small python module for determining appropriate platform-specific dirs.	1.4.4
✓ argh	The natural cli.	0.26.2
✓ argon2-cffi	The secure argon2 password hashing algorithm.	20.1.0
✓ asn1crypto	Python asn.1 library with a focus on performance and a pythonic api	1.4.0
✓ astroid	A abstract syntax tree for python with inference support.	2.6.6

391 packages available

Søk etter pakken du vil ha (f.eks. *RISE* for Jupyter pluginen som gir interaktive slides)

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Search Environments

base (root)

All Channels Update index Search Packages

Name	Description	Version
<input type="checkbox"/> 7za	Open-source file archiver primarily used to compress files	920
<input type="checkbox"/> 7zip	7-zip is a file archiver with a high compression ratio.	19.00
<input checked="" type="checkbox"/> _anaconda_depends	Simplifies package management and deployment of anaconda	2020.07
<input type="checkbox"/> _current_repodat...		0.0.1
<input type="checkbox"/> _current_repodat...		0.0.1
<input type="checkbox"/> _current_repodat...		0.0.1
<input type="checkbox"/> _current_repodat...		0.0.1
<input type="checkbox"/> _current_repodat...		0.0.1
<input type="checkbox"/> _current_repodat...		0.0.1
<input type="checkbox"/> _current_repodat...		0.0.1
<input type="checkbox"/> _dvc		1.9.0
<input type="checkbox"/> _dvc-azure		1.9.0
<input type="checkbox"/> _dvc-gdrive		1.9.0

19605 packages available

Create Clone Import Remove

Trykk i checkbox-en  
for å markere at  
pakken skal  
installeres

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base (root)

All Channels Update index... RISE X

Name	T	Description	Version
<input type="checkbox"/> enterprise-pulsar			3.2.1
<input type="checkbox"/> enterprise_exten...			2.3.3
<input type="checkbox"/> jupyter_enterpris...			2.5.1
<input type="checkbox"/> nbparameterise			0.4
<input checked="" type="checkbox"/> rise		Rise: live reveal.js jupyter/ipynb slideshow extension	5.7.1
<input type="checkbox"/> scikit-surprise			1.1rc0

6 packages available matching "RISE" 1 package selected

Apply Clear

Det er lurt å markere alle pakkene du vil installere først og så installere alle på en gang. Da sparer du mye tid.

Her installerer vi også *spyder-notebook* pluginen til Spyder for å kunne åpne Jupyter notebooks med Spyder.

The screenshot shows the Anaconda Navigator application window. The top bar includes the Anaconda Navigator logo, a menu (File, Help), and buttons for 'Upgrade Now' and 'Sign in'. The left sidebar contains navigation links: Home, Environments (active), Learning, and Community. Below these are links to 'Discover premium data science content', 'Documentation', and 'Anaconda Blog', along with social media icons for Twitter, YouTube, and GitHub.

The main content area is divided into two panes. The left pane shows a list of environments, with 'base (root)' selected. The right pane displays a table of installed and available packages for the selected environment.

Name	Description	Version
spyder-notebook		0.3.2

At the bottom of the right pane, a status bar indicates '1 package available matching "spyder-notebook" 2 packages selected'. Below this are buttons for 'Apply' and 'Clear'.

Trykk på  
*Apply*-knappen for å  
installere de markerte  
pakkene

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base (root)

All Channels Update index... spyder-notebook

Name	Description	Version
spyder-notebook		0.3.2

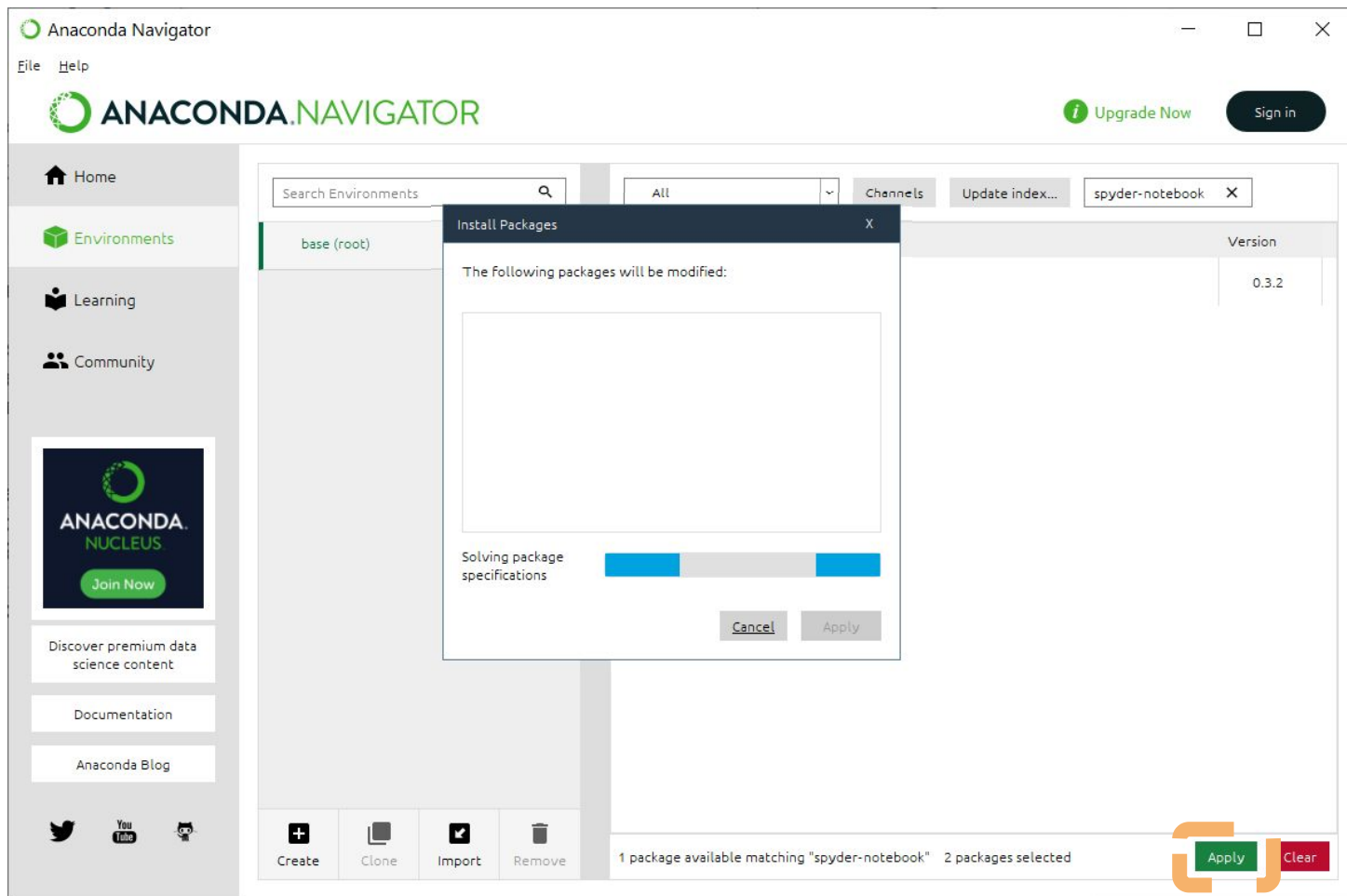
Create Clone Import Remove

1 package available matching "spyder-notebook" 2 packages selected

[Apply](#) [Clear](#)

Denne boksen skal da komme opp.

Avhengig av systemet kan det stå *Solving package specifications* veldig lenge





Når Anaconda har sjekket om din Python installasjon er kompatibel vil du se dette vinduet.

Trykk på *Apply knappen* for å installere de valgte pakkene

The screenshot shows the Anaconda Navigator application window. The main interface includes a sidebar with 'Home', 'Environments', 'Learning', and 'Community'. The 'Environments' section is active, showing a list of environments. A search bar and filters are at the top. The 'base (root)' environment is selected. A 'Search Environments' bar is at the top of the environment list. The 'Channels' tab is selected, showing a list of channels. The 'Update index...' button is visible. The 'spyder-notebook' package is selected in the search bar. The 'Install Packages' dialog box is open, showing a table of packages to be installed or modified. The table has columns: Name, Unlink, Link, Channel, and Action. The packages listed are: 1. spyder-notebook (Installed), 2. rise (Installed), 3. \*openssl (Modified), 4. \*conda (Modified), and 5. \*certifi (Modified). The 'Apply' button is highlighted with an orange bracket. The status bar at the bottom indicates '1 package available matching "spyder-notebook" 2 packages selected'.

ANAconda Navigator

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All Channels Update index...

base (root)

Version

0.3.2

Install Packages

4 packages will be modified 2 packages will be installed

	Name	Unlink	Link	Channel	Action
1	spyder-notebook	-	0.3.2	spyder-ide	Installed
2	rise	-	5.7.1	conda-forge	Installed
3	*openssl	1.1.1.l	1.1.1.l	conda-forge	Modified
4	*conda	4.10.3	4.10.3	conda-forge	Modified
5	*certifi	2021.10.8	2021.10.8	conda-forge	Modified

\* indicates the package is a dependency of a selected packages

Cancel Apply

Create Clone Import Remove

1 package available matching "spyder-notebook" 2 packages selected

Apply Clear

## Vent mens Anaconda installerer de nødvendige pakkene

The screenshot shows the Anaconda Navigator application interface. The left sidebar contains navigation links: Home, Environments, Learning, and Community. Below these is a promotional banner for ANACONDA NUCLEUS with a 'Join Now' button, followed by links to 'Discover premium data science content', 'Documentation', and 'Anaconda Blog'. At the bottom of the sidebar are social media icons for Twitter, YouTube, and GitHub.

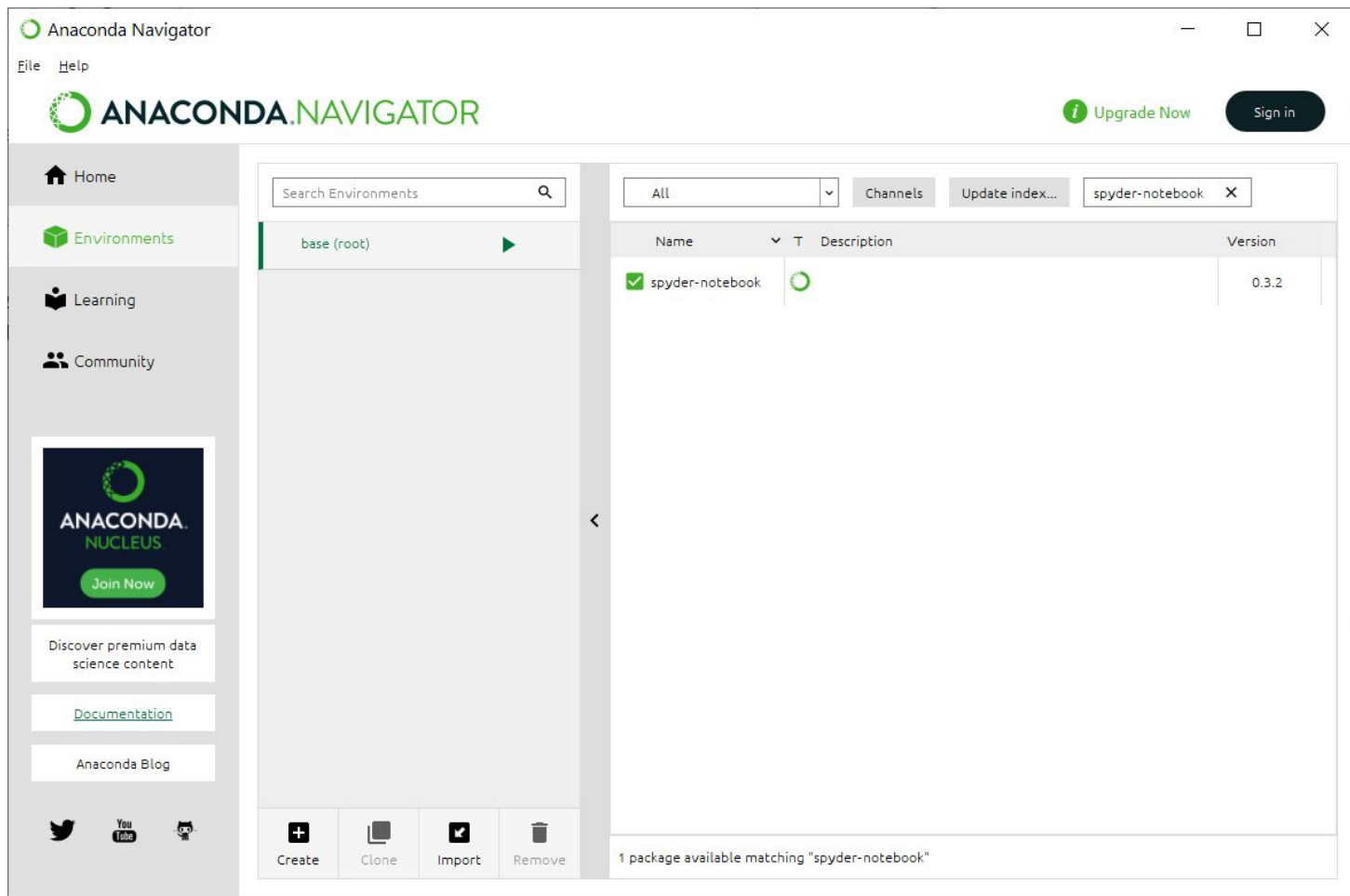
The main panel displays the 'base (root)' environment. A search bar at the top of the main panel is labeled 'Search Environments'. Below the search bar, the environment name 'base (root)' is shown with a play button icon. To the right of the environment list, there is a dropdown menu set to 'All', buttons for 'Channels' and 'Update index...', and a search bar containing 'spyder-notebook' with a close button. Below this, a table lists the installed packages:

Name	Description	Version
spyder-notebook		0.3.2

At the bottom of the main panel, a status bar indicates the installation progress: 'Installing packages on C:\Users\kodeskolen\anaconda3'. A progress bar is shown with a blue segment, and buttons for 'Cancel', 'Apply', and 'Clear' are visible.

Når installasjon progress-bar-en er vekke er pakkene ferdig installerte og du kan avslutte Anaconda navigator.

Du må restarte Spyder og/eller Jupyter for at endringene skal ta effekt



The screenshot shows the Anaconda Navigator application window. The top bar includes the Anaconda Navigator logo, a menu (File, Help), and buttons for "Upgrade Now" and "Sign in". The left sidebar contains navigation options: Home, Environments (selected), Learning, and Community. Below these are links for "Join Now", "Discover premium data science content", "Documentation", and "Anaconda Blog", along with social media icons for Twitter, YouTube, and GitHub.

The main content area is divided into two panels. The left panel shows a search bar "Search Environments" and a list of environments. The "base (root)" environment is highlighted with a green progress bar and a green play button icon. The right panel shows a table of installed packages for the selected environment.

Name	Description	Version
✓ spyder-notebook		0.3.2

At the bottom of the right panel, it states "1 package available matching 'spyder-notebook'".