**Prophet Install steps**

1. Clean install Anaconda package first

2. Install Visual Studio 2019. Make sure the following plugin is installed in your VS environment (**Build Tools for Visual Studio 2019)**

<https://visualstudio.microsoft.com/downloads/>

Check under ‘Tools for visual studio section’

3. Once done, open Anaconda Prompt as Administrator

4. Execute following commands

(base) C:\WINDOWS\system32>conda install -c anaconda ephem

(base) C:\WINDOWS\system32>conda install -c conda-forge pystan

(base) C:\WINDOWS\system32>conda install -c conda-forge fbprophet

Detailed steps of Conda install is shown below

(base) C:\WINDOWS\system32>conda install -c anaconda ephem

Collecting package metadata (current\_repodata.json): done

Solving environment: done

## Package Plan ##

environment location: C:\Users\sunda\Anaconda3

added / updated specs:

- ephem

The following packages will be downloaded:

package | build

---------------------------|-----------------

ca-certificates-2019.8.28 | 0 165 KB anaconda

certifi-2019.9.11 | py37\_0 155 KB anaconda

conda-4.7.12 | py37\_0 3.0 MB anaconda

ephem-3.7.7.0 | py37he774522\_0 735 KB anaconda

openssl-1.1.1d | he774522\_2 5.7 MB anaconda

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Total: 9.8 MB

The following NEW packages will be INSTALLED:

ephem anaconda/win-64::ephem-3.7.7.0-py37he774522\_0

The following packages will be SUPERSEDED by a higher-priority channel:

ca-certificates pkgs/main --> anaconda

certifi pkgs/main --> anaconda

conda pkgs/main --> anaconda

openssl pkgs/main --> anaconda

Proceed ([y]/n)? y

Downloading and Extracting Packages

ca-certificates-2019 | 165 KB | ############################################################################ | 100%

openssl-1.1.1d | 5.7 MB | ############################################################################ | 100%

conda-4.7.12 | 3.0 MB | ############################################################################ | 100%

certifi-2019.9.11 | 155 KB | ############################################################################ | 100%

ephem-3.7.7.0 | 735 KB | ############################################################################ | 100%

Preparing transaction: done

Verifying transaction: done

Executing transaction: done

(base) C:\WINDOWS\system32>conda install -c conda-forge pystan

Collecting package metadata (current\_repodata.json): done

Solving environment: /

Warning: 4 possible package resolutions (only showing differing packages):

- anaconda::ca-certificates-2019.8.28-0, anaconda::openssl-1.1.1d-he774522\_2

- anaconda::ca-certificates-2019.8.28-0, defaults::openssl-1.1.1d-he774522\_2

- anaconda::openssl-1.1.1d-he774522\_2, defaults::ca-certificates-2019.8.28-0

- defaults::ca-certificates-2019.8.28-0, defaults::openssl-1.1.1d-he774522done

## Package Plan ##

environment location: C:\Users\sunda\Anaconda3

added / updated specs:

- pystan

The following packages will be downloaded:

package | build

---------------------------|-----------------

arviz-0.5.1 | py\_1 1.2 MB conda-forge

certifi-2019.9.11 | py37\_0 147 KB conda-forge

cftime-1.0.4.2 | py37hc8d92b1\_0 220 KB conda-forge

conda-4.7.12 | py37\_0 3.0 MB conda-forge

hdf4-4.2.13 | h712560f\_2 1.3 MB

libnetcdf-4.6.1 | h411e497\_2 494 KB

m2w64-toolchain\_win-64-2.4.0| 0 4 KB conda-forge

matplotlib-base-3.1.2 | py37h2981e6d\_0 6.5 MB conda-forge

netcdf4-1.4.2 | py37h812ae01\_0 338 KB

pystan-2.19.1.1 | py37h12199cf\_0 35.8 MB conda-forge

xarray-0.14.0 | py\_0 438 KB conda-forge

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Total: 49.6 MB

The following NEW packages will be INSTALLED:

arviz conda-forge/noarch::arviz-0.5.1-py\_1

cftime conda-forge/win-64::cftime-1.0.4.2-py37hc8d92b1\_0

hdf4 pkgs/main/win-64::hdf4-4.2.13-h712560f\_2

libnetcdf pkgs/main/win-64::libnetcdf-4.6.1-h411e497\_2

m2w64-toolchain\_w~ conda-forge/win-64::m2w64-toolchain\_win-64-2.4.0-0

matplotlib-base conda-forge/win-64::matplotlib-base-3.1.2-py37h2981e6d\_0

netcdf4 pkgs/main/win-64::netcdf4-1.4.2-py37h812ae01\_0

xarray conda-forge/noarch::xarray-0.14.0-py\_0

The following packages will be UPDATED:

pystan pkgs/main::pystan-2.19.0.0-py37hcce69~ --> conda-forge::pystan-2.19.1.1-py37h12199cf\_0

The following packages will be SUPERSEDED by a higher-priority channel:

certifi anaconda --> conda-forge

conda anaconda --> conda-forge

Proceed ([y]/n)? y

Downloading and Extracting Packages

netcdf4-1.4.2 | 338 KB | ############################################################################ | 100%

xarray-0.14.0 | 438 KB | ############################################################################ | 100%

m2w64-toolchain\_win- | 4 KB | ############################################################################ | 100%

pystan-2.19.1.1 | 35.8 MB | ############################################################################ | 100%

arviz-0.5.1 | 1.2 MB | ############################################################################ | 100%

cftime-1.0.4.2 | 220 KB | ############################################################################ | 100%

conda-4.7.12 | 3.0 MB | ############################################################################ | 100%

certifi-2019.9.11 | 147 KB | ############################################################################ | 100%

libnetcdf-4.6.1 | 494 KB | ############################################################################ | 100%

hdf4-4.2.13 | 1.3 MB | ############################################################################ | 100%

matplotlib-base-3.1. | 6.5 MB | ############################################################################ | 100%

Preparing transaction: done

Verifying transaction: done

Executing transaction: done

(base) C:\WINDOWS\system32>conda install -c conda-forge fbprophet

Collecting package metadata (current\_repodata.json): done

Solving environment: /

Warning: 4 possible package resolutions (only showing differing packages):

- anaconda::ca-certificates-2019.8.28-0, anaconda::openssl-1.1.1d-he774522\_2

- anaconda::ca-certificates-2019.8.28-0, defaults::openssl-1.1.1d-he774522\_2

- anaconda::openssl-1.1.1d-he774522\_2, defaults::ca-certificates-2019.8.28-0

- defaults::ca-certificates-2019.8.28-0, defaults::openssl-1.1.1d-he774522done

## Package Plan ##

environment location: C:\Users\sunda\Anaconda3

added / updated specs:

- fbprophet

The following packages will be downloaded:

package | build

---------------------------|-----------------

convertdate-2.1.3 | py\_1000 30 KB conda-forge

fbprophet-0.5 | py37h6538335\_0 520 KB conda-forge

holidays-0.9.11 | py\_0 39 KB conda-forge

lunardate-0.2.0 | py\_0 21 KB conda-forge

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Total: 610 KB

The following NEW packages will be INSTALLED:

convertdate conda-forge/noarch::convertdate-2.1.3-py\_1000

fbprophet conda-forge/win-64::fbprophet-0.5-py37h6538335\_0

holidays conda-forge/noarch::holidays-0.9.11-py\_0

lunardate conda-forge/noarch::lunardate-0.2.0-py\_0

Proceed ([y]/n)? y

Downloading and Extracting Packages

fbprophet-0.5 | 520 KB | ############################################################################ | 100%

lunardate-0.2.0 | 21 KB | ############################################################################ | 100%

convertdate-2.1.3 | 30 KB | ############################################################################ | 100%

holidays-0.9.11 | 39 KB | ############################################################################ | 100%

Preparing transaction: done

Verifying transaction: done

Executing transaction: done

(base) C:\WINDOWS\system32>