CERTIFIED DATA SCIENTIST

PEOPLE INFORMATION TECHNOLOGY PROGRAM Lecture 04

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Agenda

- Anaconda Introduction
- Python Fundamentals



Anaconda Introduction



- What it is?
- What it provide?
- Why you'd use it?

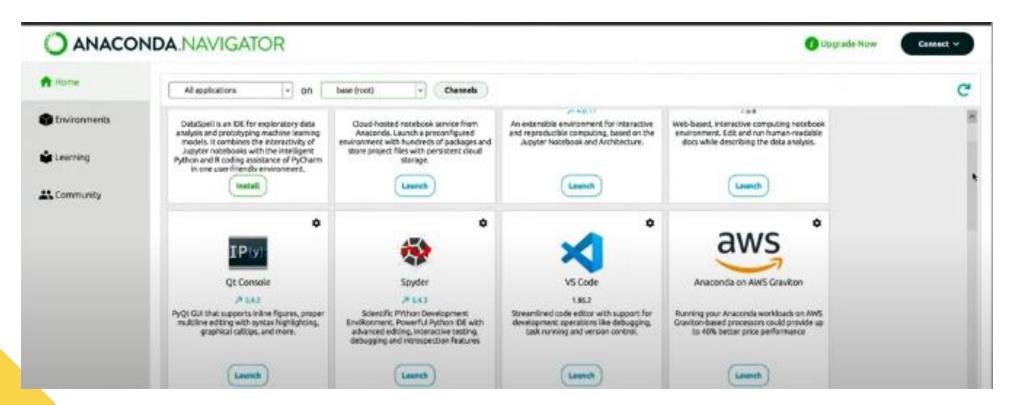
CONDA Utility

- Software that includes pyhton and a lot of tools that wporks with python
- Example of such tools are:
- Command Line Python Package Manager (CONDA)

```
/Users/Susan/Desktop/demo $ conda activate demo
(demo) /Users/Susan/Desktop/demo $ conda install numpy
Channels:
- conda-forge
- defaults
Platform: osx-arm64
Collecting package metadata (repodata.json): |
```

Navigator

 Desktop Based application listing all the tools and other useful features such as environments supported by Anaconda



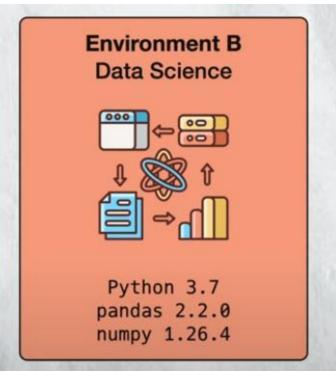
Jupyter Notebook

- The Jupyter Notebook is a web-based interactive computing platform.
- The notebook combines live code, equations, narrative text and visualization



Environments







Alternatives

- To replace Conda utility we may use Python Package Index (PIP).
- For Anaconda Environments, we may use virtualenv.
- For Jupyter Notebook, we may use **Visual Studio Code**.