

Virtual Environment 'HopeAi' my Ai version 2025

Create Virtual Environment

- `conda create -n hopeai`

Activate Virtual Environment

- `activate hopeai`
- `hopeai>`

Install python inside the environment

- `conda install python`
- `Check python version`
- `python --version`

In Command :Install Python Module

- `pip install numpy`
- `pip install pandas`
- `pip install scikit-learn`
- `pip install matplotlib`
- `pip install seaborn`

In command check version

- `python -c "import numpy; print(numpy.__version__)"`
- `python -c "import pandas; print(pandas.__version__)"`
- `python -c "import sklearn; print(sklearn.__version__)"`

➤ In command install jupyter and spyder

- `conda install jupyter notebook`
- `conda install spyder`
- `Used inside a Jupyter Notebook cell.`
- `!pip install xgboost`

Tool Latest Version	Release Date
Python 3.13.7	August 29, 2025 (Python.org)
numpy-2.3.3	September 9, 2025 (NumPy)
pandas-2.3.2	August 21, 2025 (Pandas)
scikit-learn-1.7.2 sklearn-1.7.2	September 9, 2025 (Scikit-learn)
matplotlib-3.10.6	August 29, 2025 (PyPI)
seaborn-0.13.2	January 25, 2024 (seaborn.pydata.org)
Jupyter Notebook 7.4.5	August 5, 2025
Spyder 6.0.8	August 26, 2025