

| SciSharp Package | Python Equivalent | Support Python Versions  | Requires Python Installation | .Net Core Support | .Net 4.6.2 Support | Port / Binding | CPU Support | GPU Support | Approx. Feature Parity | Notes   |
|------------------|-------------------|--------------------------|------------------------------|-------------------|--------------------|----------------|-------------|-------------|------------------------|---|
| TensorFlow.Net   | TensorFlow        | 1.14, 1.15, 2.3          | No                           | Yes               | Yes                | Port           | Yes         | Yes         | 100%                   |   |
| Keras.Net        | Keras             | Installed Python Version | Yes                          | Yes               | Yes                | Binding        | Yes         | Yes         | 100%                   |   |
| Numpy.Net        | Numpy             | 1.16+                    | Depends on NuGet             | Yes               | Yes                | Both           | N/A         | N/A         | 28%                    | Has everything you normally need for ML                   |
| NumSharp         | Numpy             | N/A                      | No                           | Yes               | Unverified         | Port           | N/A         | N/A         | 28%                    | Has everything you normally need for ML                   |
| NumSharp.Lite    | Numpy             | N/A                      | No                           | Yes               | Unverified         | Port           | N/A         | N/A         | 28%                    | Compact version of NumSharp without full datatype support |
| SharpCV          | OpenCV            | N/A                      | No                           | Yes               | Unverified         | Port           | N/A         | N/A         | 50+%                   | Has everything you normally need for ML                   |
| Pandas.NET       | Pandas            | N/A                      | No                           | Yes               | Unverified         | Port           | N/A         | N/A         | 50+%                   | Has everything you normally need for ML                   |
| Torch.NET        | PyTorch           | Installed Python Version | Yes                          | Yes               | Unverified         | Binding        | Yes         | Yes         | 19%                    |   |
| PillowSharp      | Pillow (PIL)      | N/A                      | No                           | Yes               | Unverified         | Port           | N/A         | N/A         | 0%                     | Not yet implemented                                       |
| Matplotlib.NET   | matplotlib        | Installed Python Version | Yes                          | Yes               | Unverified         | Binding        | N/A         | N/A         | 100%                   |   |
| scikit-learn.net | scikit-learn      | N/A                      | No                           | Yes               | Unverified         | Port           | Unverified  | Unverified  | 10%                    | only usable for NLP problems                              |