**Tensorflow** is a library in machine learning, and it is an open-source library for numerical computation.To create dataflow graphs, composed of node structures for describing how data is moved through graphs. It represents a mathematical operation within each of the graph’s nodes. Nodes represent connections on a multidimensional arrays, or tensors.

**PyTorch** flexibility and computation power.  **PyTorch** will be very useful to build models. It can use debugging tools like pdb and ipdb tools of python. As **PyTorch** develops a **computational graph at runtime** programmer can use Pythons IDE PyCharm for debugging.

**Scikit-learn** integrates well with many other Python libraries, such as **Matplotlib** and **plotly** for plotting, **NumPy** for array vectorization, **Pandas** dataframes, **SciPy,** and many more

ImageNet is an**image database** organized according to the **WordNet hierarchy** (currently only the nouns), in which each node of the hierarchy is depicted by hundreds and thousands of images.

Inception v3 is a convolutional neural network for assisting **in image analysis and object detection** and got its start as a module for Googlenet. It is the third edition of Google's **Inception Convolutional Neural Network**.

Statistical analysis is the**collection and interpretation of data in order to uncover patterns and trends**. It is a component of data analytics. Statistical analysis can be used in situations like gathering research interpretations, statistical modeling, or designing surveys and studies.

Predictive modeling is a**method of predicting future outcomes by using data modeling**. It’s one of the premier ways a business can see its path forward and make plans accordingly. While not foolproof, this method tends to have high accuracy rates, which is why it is so commonly used.