

PREREQUISITES

Some of the pre- requisites of this project are as follows which need to be satisfied or executed in order to kickstart the project are:

- Anaconda Navigator
- Tensor flow
- Keras

★ **Anaconda Navigator** is a desktop graphical user interface (GUI) included in Anaconda distribution.

★ Navigator allows you to launch common Python programs and easily manage anaconda packages, environments, and channels without using command-line commands. Navigator can search for packages on Anaconda Cloud or in a local Anaconda Repository.

★ Navigator is available for Windows, macOS, and Linux.

□ The TensorFlow platform **helps you implement best practices for data automation, model tracking, performance monitoring, and model retraining**. Using production-level tools to automate and track model training over the lifetime of a product, service, or business process is critical to success.

➤ Keras is used for **creating deep models which can be productized on smartphones**. Keras is also used for distributed training of deep learning models. Keras is used by companies such as Netflix, Yelp, Uber, etc.

