

# Getting Setup for the Intro to Machine Learning in the Libraries

## Step 1 - Cloning the Git Repository:

### Open Anaconda Prompt

#### *Windows:*

Press  key. Type `Anaconda Prompt` followed by `Enter`.

#### *Mac OSX:*

Press `Cmd+Space`. Type `terminal` and click on the Terminal Application.

#### *Linux - Ubuntu:*

Press `Ctrl + Alt + T`

#### *Linux - CentOS:*

Press `Win + T`

### Set up the workspace

(**WARNING** - Only complete this step if you do not have Git installed on your machine otherwise skip to next command)

```
conda install -c anaconda git
```

1.1. Create a new directory for today's activities:

```
mkdir "Jumpstart ML Workshop"
```

1.2. Clone repository from GitHub to new directory:

```
git clone https://github.com/vrtompki/Jumpstart-ML-Workshop "Jumpstart ML Workshop"
```

1.3. Change to new directory:

```
cd "Jumpstart ML Workshop"
```

## Step 2 - Create a New Environment:

1.4. Create python environment containing all the necessary packages using a .yml file:

```
conda env create -f jumpstart_ml_env.yml
```

1.5. Activate the newly created environment:

```
conda activate jumpstart_ml
```

## Step 3 - Start JupyterLab and Locate Notebook:

3.1. Run the command:

```
jupyter lab
```

3.2. Find the notebook we will be working with in the folder in the directory tree in the left windowpane ending in .ipynb.

# You're Ready to Start!