NBE survey files

- The NBE downloader and process scripts are is located at here
- The raw data NBE is in XML format and it is located at the FHWA website

Steps

1. Clone/Download the nbi repository.

```
git clone https://github.com/kaleoyster/nbi
```

2. Within it `nbi` repository the scripts are located in `nbe` folder.

```
cd nbi/nbi-utilities/data_gen/nbe/
```

3. Select NBE file by states and years for download within `main` function of `nbe_downloader.py`.

```python
def main():
    """
    Driver function
    """
    directory_name = 'nbe-data'
    try:
        os.mkdir(directory_name)
    except:
        pass

    # Select years
    years = [2015,
             2016,
             2017,
             2018,
             2019,
             2020,
             2021
            ]

    # Select states
    state = ['AK',
             'AL',
             'AR',
             'CO',
             'DE',
```

```
        'DC',
        'HI',
        'ID']
```

4. Run NBE downloader to download ZIP files with in the `nbe-data` folder.

```
python nbe_downloader.py
```

5. Run NBE process to extract zip files and transform XML to CSV file.

```
python process_nbe.py
```

The processed nbe CSV file will saved in `nbe-data-processed` folder.