Automate EDA

- by Ivy Chen

Python Profiling Tool

Installing Profiling

```
[0]: !pip install pandas_profiling
```

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Requirement already satisfied: pandas_profiling in /usr/local/lib/python3.7/dist-packages (2.11.0)
Requirement already satisfied: phik>=0.9.10 in /usr/local/lib/python3.7/dist-packages (0.9.10)
Requirement already satisfied: jinja2>=2.11.1 in /usr/local/lib/python3.7/dist-packages (2.11.3)
Requirement already satisfied: matplotlib>=3.2.1 in /usr/local/lib/python3.7/dist-packages (3.2.2)
Requirement already satisfied: pandas>=0.25.3 in /usr/local/lib/python3.7/dist-packages (1.1.5)
Requirement already satisfied: tqdm>=4.48.2 in /usr/local/lib/python3.7/dist-packages (4.60.0)
Requirement already satisfied: joblib>=0.14.1 in /usr/local/lib/python3.7/dist-packages (1.0.1)
Requirement already satisfied: htmlmin>=0.1 in /usr/local/lib/python3.7/dist-packages (0.1.12)
Requirement already satisfied: scipy>=1.4.1 in /usr/local/lib/python3.7/dist-packages (1.4.1)
Requirement already satisfied: numba>=0.38.1 in /usr/local/lib/python3.7/dist-packages (0.51.2)
Requirement already satisfied: pandas-profiling[notebook,widgets] in /usr/local/lib/python3.7/dist-packages (2.11.0)
Requirement already satisfied: ipywidgets>=7.5.1 in /usr/local/lib/python3.7/dist-packages (7.5.1)
Requirement already satisfied: jupyter-core>=4.4.0 in /usr/local/lib/python3.7/dist-packages (4.7.1)
Requirement already satisfied: ipykernel>=4.4.1 in /usr/local/lib/python3.7/dist-packages (4.10.1)
Requirement already satisfied: nbformat>=4.4.0 in /usr/local/lib/python3.7/dist-packages (5.1.3)
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Requirement already satisfied: markupsafe>=0.23 in /usr/local/lib/python3.7/dist-packages (2.0.1)
Requirement already satisfied: numpy>=1.18.1 in /usr/local/lib/python3.7/dist-packages (1.19.5)
Requirement already satisfied: cycler>=0.10 in /usr/local/lib/python3.7/dist-packages (0.10.0)
Requirement already satisfied: kiwisolver>=1.0.1 in /usr/local/lib/python3.7/dist-packages (1.3.1)
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Requirement already satisfied: dateutil>=1.2 in /usr/local/lib/python3.7/dist-packages (2.8.2)
Requirement already satisfied: pytz>=2017.2 in /usr/local/lib/python3.7/dist-packages (2018.9)
Requirement already satisfied: llvmlite>=0.34.0.dev0,<0.35 in /usr/local/lib/python3.7/dist-packages (0.34.0)
Requirement already satisfied: setuptools in /usr/local/lib/python3.7/dist-packages (57.0.0)
Requirement already satisfied: widgetsnbextension~=3.5.0 in /usr/local/lib/python3.7/dist-packages (3.5.1)
Requirement already satisfied: ipyfilechooser>=0.6.0,<0.7.0 in /usr/local/lib/python3.7/dist-packages (0.6.0)
Requirement already satisfied: ipyleaflet>=0.12.0,<0.13.0 in /usr/local/lib/python3.7/dist-packages (0.12.1)
Requirement already satisfied: ipywidgets>=7.5.1 in /usr/local/lib/python3.7/dist-packages (7.5.1)
Requirement already satisfied: ipyparallel>=6.2.4,<6.3.0 in /usr/local/lib/python3.7/dist-packages (6.2.4)
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Requirement already satisfied: jupyterlab-widgets>=1.0.0,<1.1.0 in /usr/local/lib/python3.7/dist-packages (1.0.0)
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Requirement already satisfied: tensorboard>=1.14.0,<1.14.1 in /usr/local/lib/python3.7/dist-packages (1.14.0)
Requirement already satisfied: tensorflow>=1.14.0,<1.14.1 in /usr/local/lib/python3.7/dist-packages (1.14.0)
Requirement already satisfied: tensorflow_datasets>=1.3.0,<1.3.1 in /usr/local/lib/python3.7/dist-packages (1.3.0)
Requirement already satisfied: tensorflow_hub>=0.7.0,<0.8.0 in /usr/local/lib/python3.7/dist-packages (0.7.0)
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```