ggplot2Python

March 3, 2018

```
In [2]: from plotnine import *
        from plotnine.data import *

        # I decided to go with plotnine as opposed to ggplot because of the following post
        # which details how plotnine mimics ggplot2 from R far better than ggplot:
        # http://pltn.ca/plotnine-superior-python-ggplot/
```
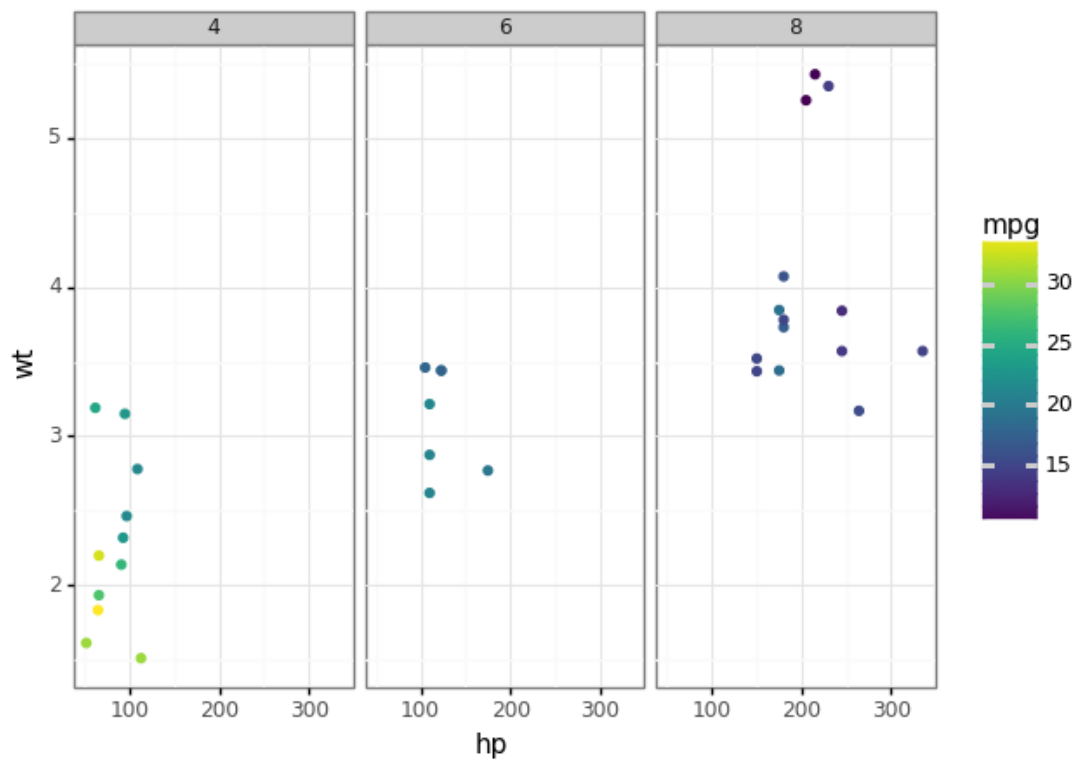
```
In [4]: mtcars.head()
```

```
Out[4]:                    name   mpg  cyl   disp   hp  drat     wt   qsec  vs  am  gear  \
        0            Mazda RX4  21.0    6  160.0  110  3.90  2.620  16.46   0   1     4
        1        Mazda RX4 Wag  21.0    6  160.0  110  3.90  2.875  17.02   0   1     4
        2           Datsun 710  22.8    4  108.0   93  3.85  2.320  18.61   1   1     4
        3       Hornet 4 Drive  21.4    6  258.0  110  3.08  3.215  19.44   1   0     3
        4    Hornet Sportabout  18.7    8  360.0  175  3.15  3.440  17.02   0   0     3

           carb
        0     4
        1     4
        2     1
        3     1
        4     2
```

```
In [3]: ggplot(mtcars, aes(x='hp', y='wt', color='mpg')) + geom_point() +\
        facet_wrap("~cyl") + theme_bw()
```

Out[3]: <ggplot: (281844221)>