UniformProof_KSTEST
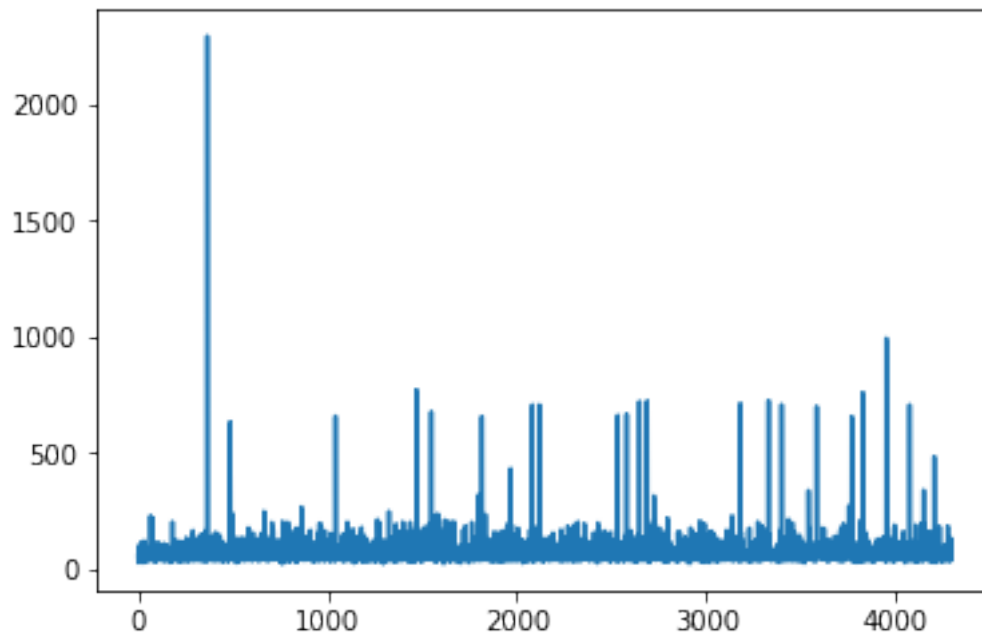
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```python
In [7]: %matplotlib inline
        import matplotlib.pyplot as plt
        import numpy as np
        from scipy.stats import kstest
```

```python
In [3]: data = []

        with open('AET_PIN_HIST_DROP_50_MMH_TEST.out','r') as f:
            for line in f.readlines():
                try:
                    data.append(int(line.split(',')[1]))
                except:
                    pass

        plt.plot(data)
        plt.show()
```

```
In [5]: for i,v in enumerate(data):
            if v >1000:
                print("%s, %s"% (i,v))

365, 2298


In [8]: kstest(data, 'uniform')

Out[8]: KstestResult(statistic=1.0, pvalue=0.0)

In [ ]:
```