Hello

Hello 2

notebook

In [1]: impor

import pandas as pd
kernel_stats = pd.read_csv("libraries_by_python_version.csv")
kernel_stats

Out[1]:

| | library | kernel_python 3.4 | kernel_python 3.5 | kernel_python 3.6 | kernel_python 3.7 | kernel_python 3.8 | total_count |
|----|-------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------|
| 0 | numpy | 57564 | 578800 | 2108495 | 1739315 | 87656 | 4571830 |
| 1 | matplotlib | 43181 | 438386 | 1625902 | 1385835 | 75148 | 3568452 |
| 2 | pandas | 36357 | 346667 | 1530252 | 1500068 | 72433 | 3485777 |
| 3 | sklearn | 14938 | 222672 | 912615 | 799426 | 34921 | 1984572 |
| 4 | os | 13200 | 176685 | 592084 | 436535 | 21914 | 1240418 |
| 5 | seaborn | 9578 | 105132 | 467280 | 513018 | 23289 | 1118297 |
| 6 | scipy | 12898 | 112992 | 402051 | 319311 | 14664 | 861916 |
| 7 | time | 8722 | 86455 | 294717 | 214953 | 10123 | 614970 |
| 8 | tensorflow | 4212 | 123837 | 269226 | 155622 | 5548 | 558445 |
| 9 | random | 5325 | 75455 | 260000 | 185925 | 8177 | 534882 |
| 10 | math | 6389 | 78262 | 245540 | 194693 | 8754 | 533638 |
| 11 | sys | 7784 | 73858 | 250441 | 158359 | 9379 | 499821 |
| 12 | IPython | 12886 | 81487 | 229599 | 152128 | 7994 | 484094 |
| 13 | keras | 2447 | 67837 | 243403 | 120632 | 2653 | 436972 |
| 14 | datetime | 5554 | 46305 | 190586 | 180519 | 10067 | 433031 |
| 15 | re | 5898 | 48267 | 191965 | 163205 | 7414 | 416749 |
| 16 | warnings | 3822 | 37276 | 180478 | 185290 | 6575 | 413441 |
| 17 | collections | 5433 | 57516 | 177266 | 116257 | 6051 | 362523 |
| 18 | json | 3662 | 41972 | 169014 | 132836 | 7443 | 354927 |
| 19 | requests | 2429 | 28801 | 147782 | 153160 | 8229 | 340401 |

import matplotlib.pyplot as plt
plt.pie(kernel_stats['total_count'], labels=kernel_stats['library'])
plt.show()

