

## PySpark core vs. GraphX first few ranking

Rank	PySpark core <sup>*</sup>	GraphX <sup>*</sup>
1	4037	4037
2	15	15
3	6634	6634
4	2625	2625
5	2398	2398
6	2470	2470
7	2237	2237
8	4191	4191
9	7553	7553
10	5254	5254
11	2328	2328
12	1186	1186
13	1297	1297
14	4335	4335
15 <sup>^</sup>	5412	7620
16 <sup>^</sup>	7620	5412
17	7632	7632
18	4875	4875

Further ranking results are in the output folder.

<sup>\*</sup> Shows node number that comes at i<sup>th</sup> rank

<sup>^</sup> Red background: Mismatch in result

## Comparing efficiencies between PySpark core and GraphX implementations

Time taken by PySpark core: 0.15373326399999998 sec

Time taken by GraphX: 0.042 sec

Dataset used: <https://snap.stanford.edu/data/wiki-Vote.html>