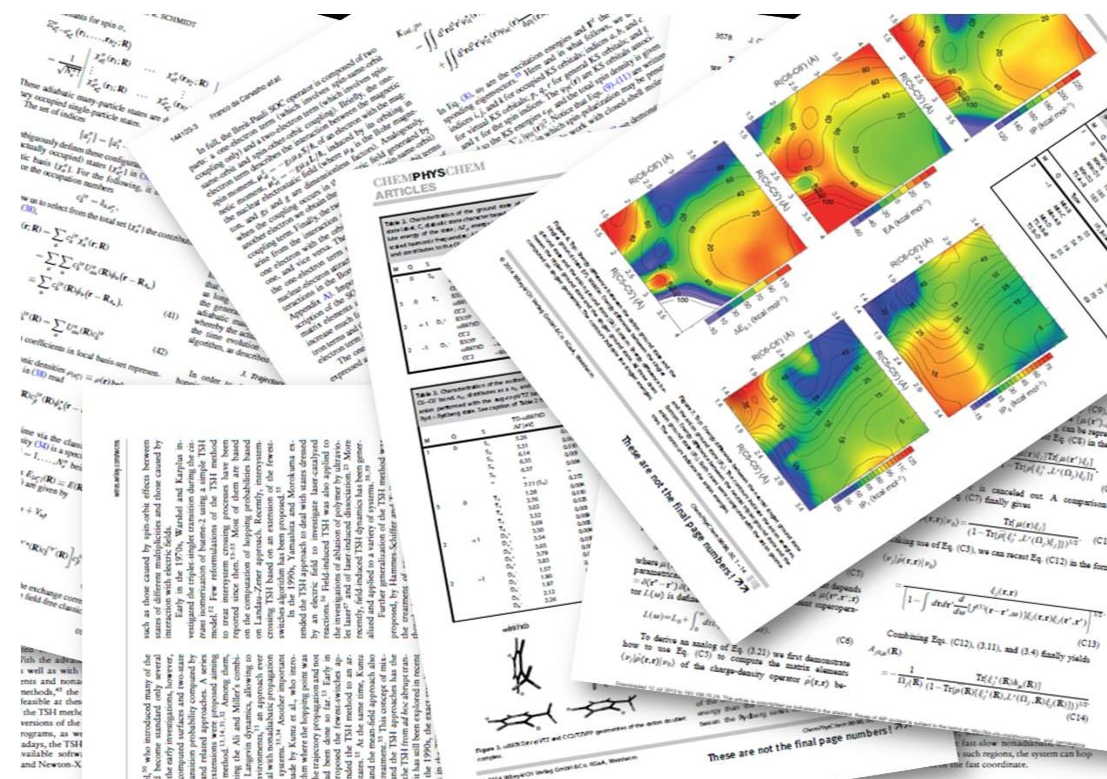# Research*H*'dex

Motivation

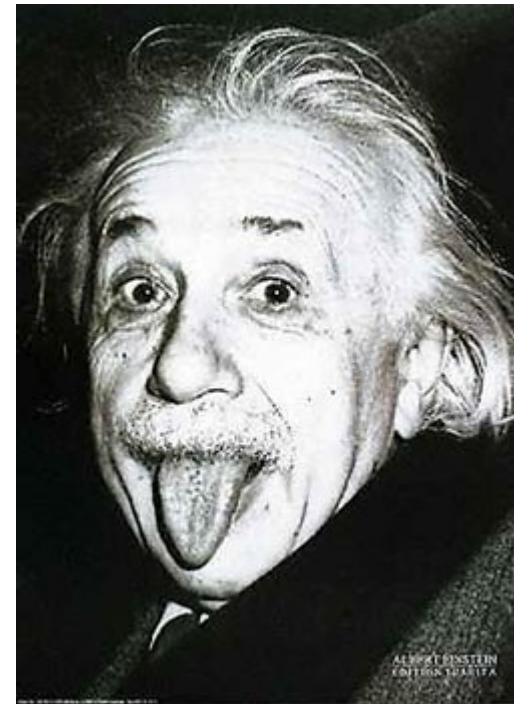- How to evaluate the impact of a certain research or a researcher?

Motivation

- How to evaluate the impact of a certain research or a researcher?
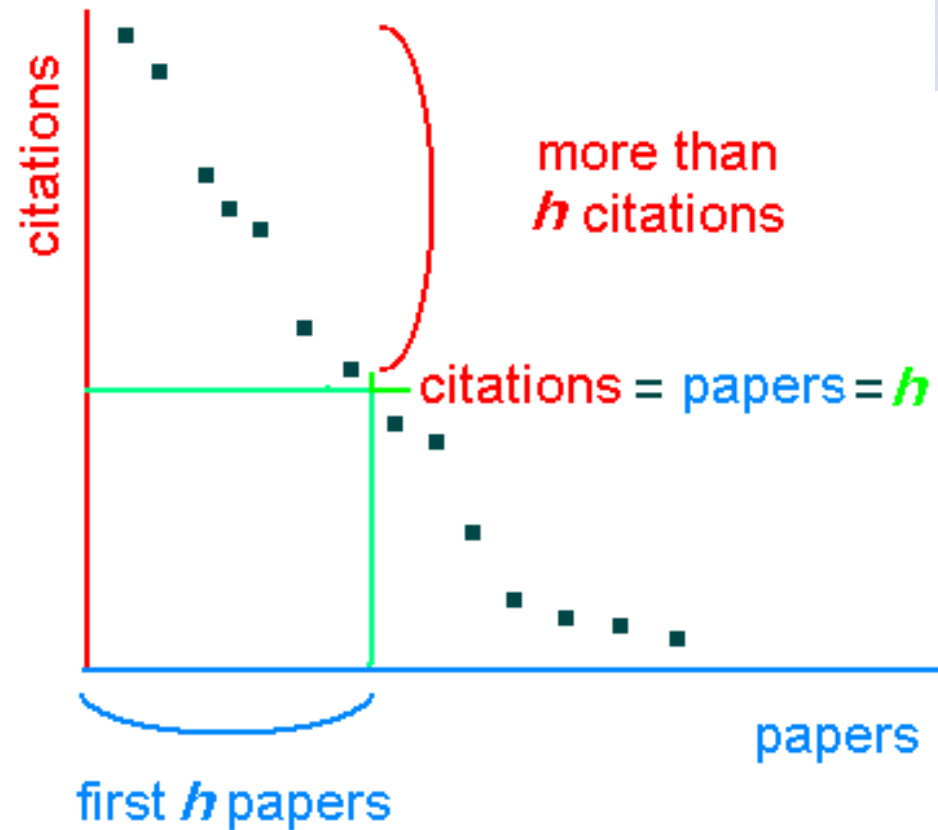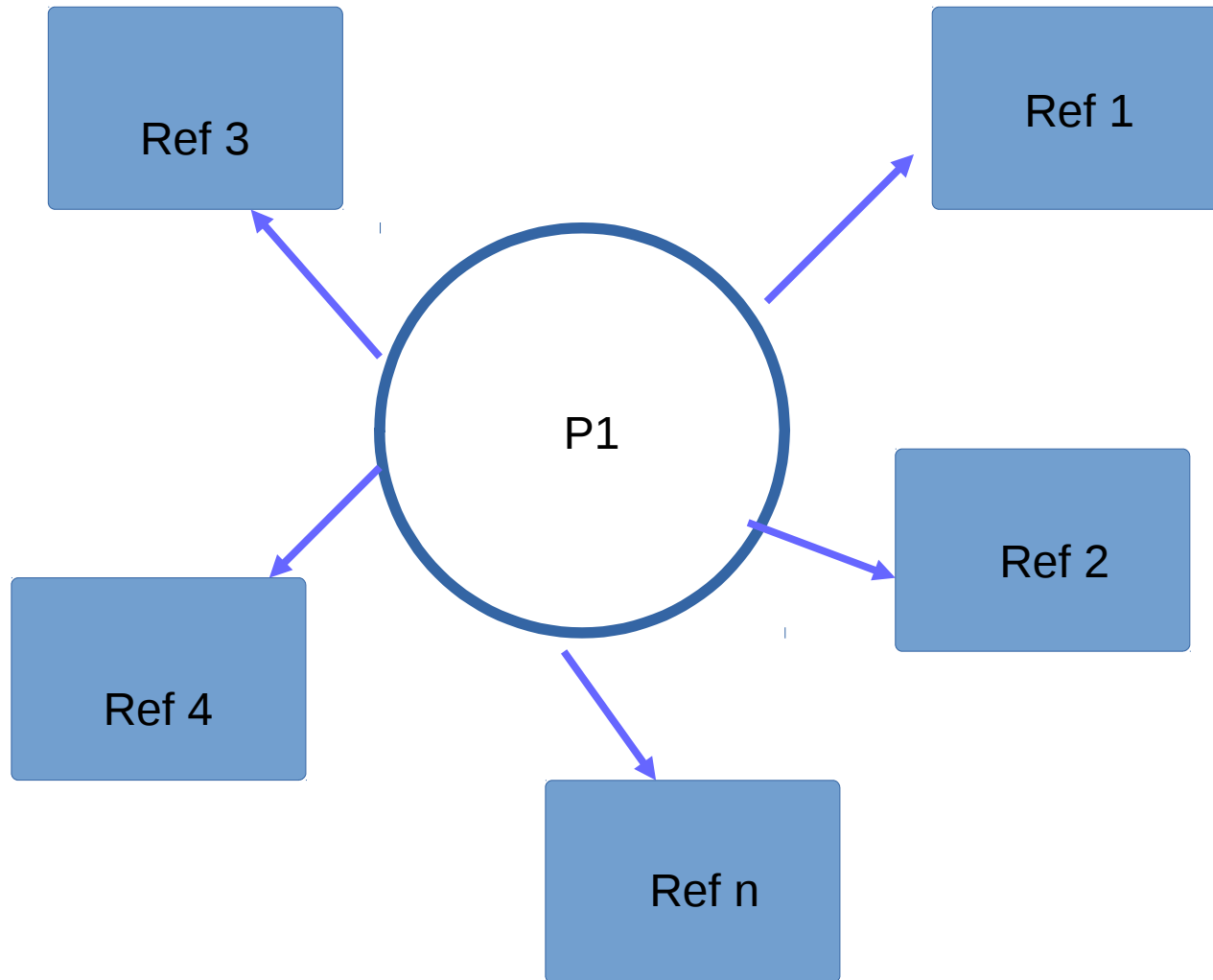- # of journal publications?

Motivation

- How to evaluate the impact of a certain research or a researcher?
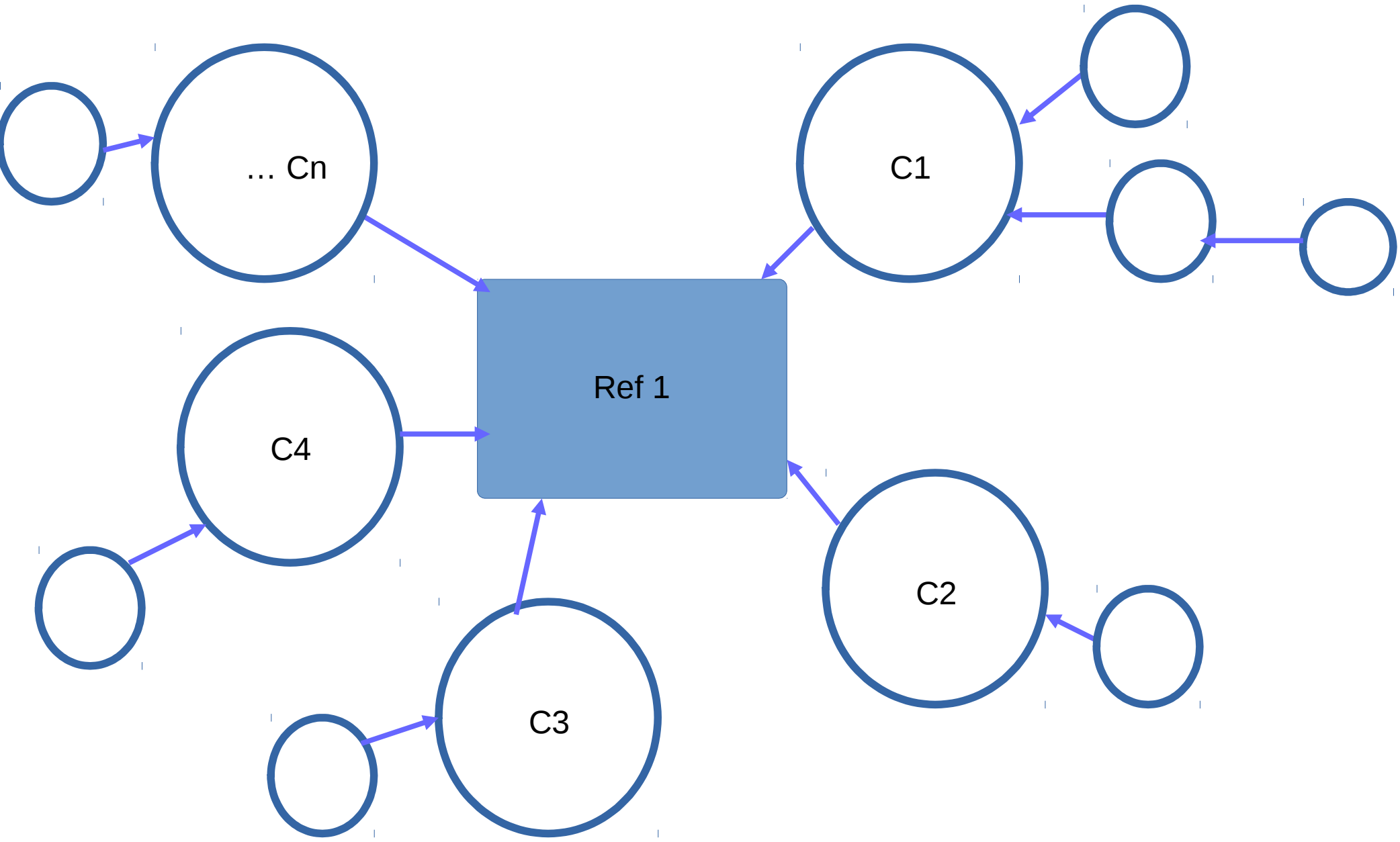- # of journal publications?
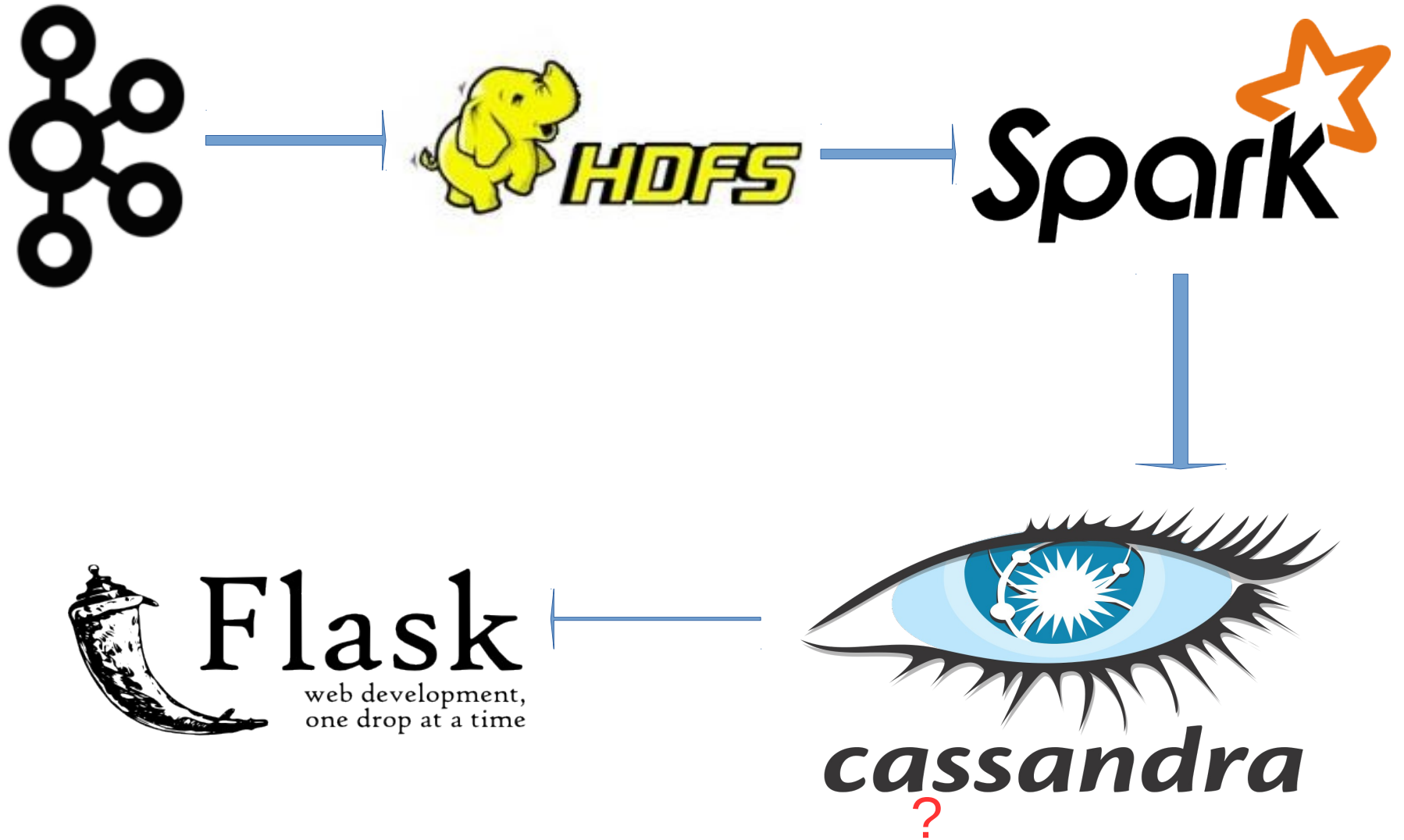- Age index?

H-Index

Input

- - - after some processing

- - - after some processing

- Calculate H-index
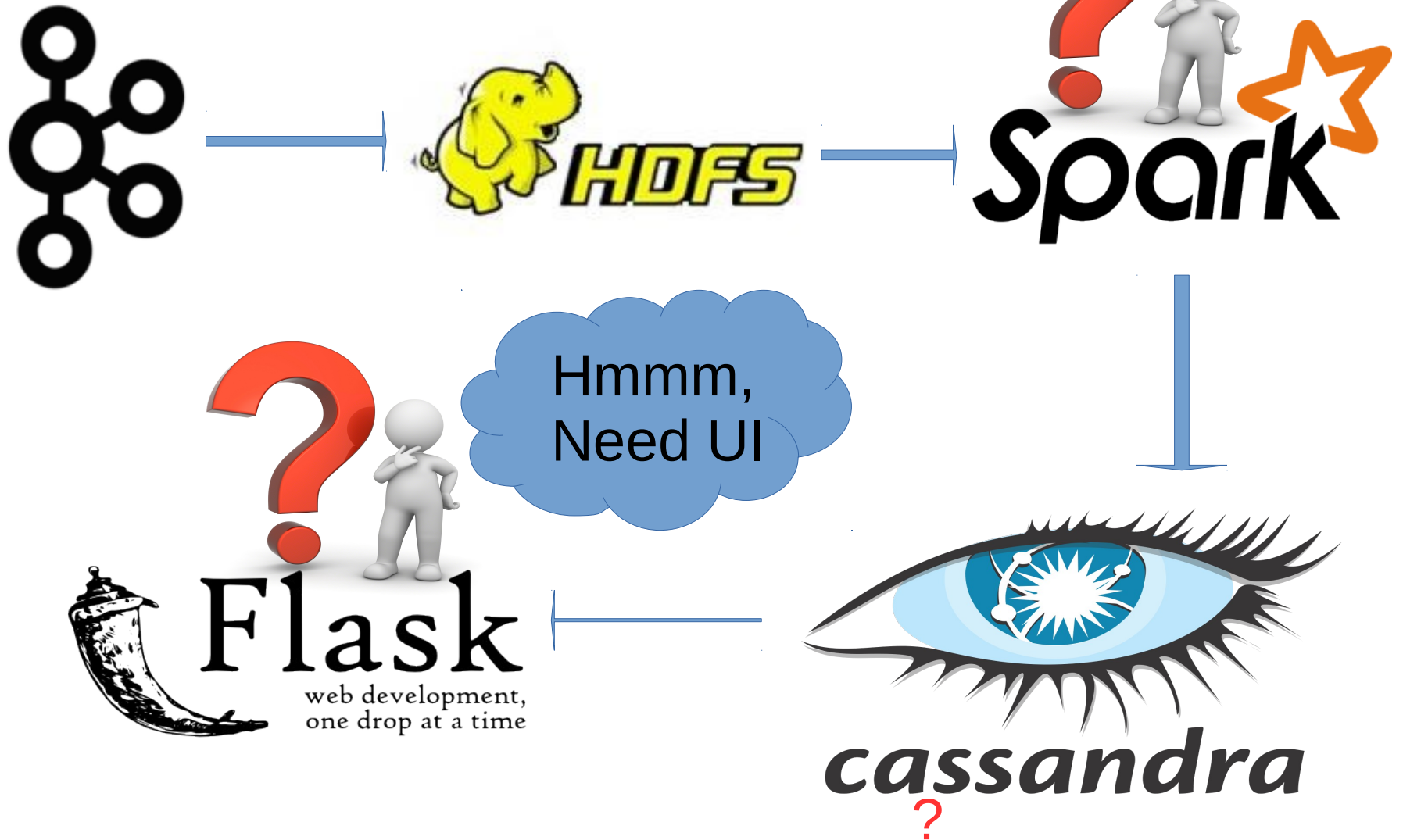- Show research involves and related

Pipeline

Inside Cassandra

```
cqlsh:test2> SELECT * from hindex_t01 LIMIT 20;

 author               | hindex
----------------------+--------
          Zhimin, W.  |      1
    Motter, Adilson E. |      2
      Dasgupta, Samik  |      1
    Pecontal, Emmanuel |      4
     Van veggel, A.A.  |      1
             Ooi, T.  |      1
         Fishman, Max  |      1
     Ribeiro Pinto, L. |      1
            Carey, J.  |      1
       Kitamura, Takao |      4
        Polejaeva, K.  |      1
   Gates, S.James., Jr. |     1
        Pearson, N.M.  |      2
         Sampieri, A.  |      2
      Draganov, Dimitar |     1
  Maldonado Cervantes, I. |   21
          SabatiC), F.  |     1
      Newby, Charlotte  |      1
            Walker, T  |      1
             Parra, Y.  |      1
```

```
cqlsh:test2> SELECT * from explode_author3 WHERE author = 'Maldo

 author                   | cited_id | creation_date | num_cited
--------------------------+----------+---------------+----------
 Maldonado Cervantes, I.  |   794183 |          2008 |        20
 Maldonado Cervantes, I.  |   852264 |          2010 |       237
 Maldonado Cervantes, I.  |   852450 |          2010 |       231
 Maldonado Cervantes, I.  |   859610 |          2010 |        88
 Maldonado Cervantes, I.  |   879583 |          2010 |       431
 Maldonado Cervantes, I.  |   881474 |          2010 |       127
 Maldonado Cervantes, I.  |   881884 |          2011 |       178
 Maldonado Cervantes, I.  |   884741 |          2011 |        81
 Maldonado Cervantes, I.  |   885104 |          2011 |       126
 Maldonado Cervantes, I.  |   897764 |          2011 |       130
 Maldonado Cervantes, I.  |   900651 |          2011 |       318
 Maldonado Cervantes, I.  |   927105 |          2011 |       159
 Maldonado Cervantes, I.  |   930312 |          2011 |        61
 Maldonado Cervantes, I.  |   944757 |          2012 |       158
 Maldonado Cervantes, I.  |  1080945 |          2011 |        21
 Maldonado Cervantes, I.  |  1088833 |          2012 |        55
 Maldonado Cervantes, I.  |  1094079 |          2012 |        76
 Maldonado Cervantes, I.  |  1116147 |          2012 |        62
 Maldonado Cervantes, I.  |  1208696 |          2012 |         8
 Maldonado Cervantes, I.  |  1210881 |          2013 |        41
 Maldonado Cervantes, I.  |  1232206 |          2013 |        66
 Maldonado Cervantes, I.  |  1232209 |          2013 |        12
 Maldonado Cervantes, I.  |  1233087 |          2013 |        99
 Maldonado Cervantes, I.  |  1238451 |          2013 |        37
 Maldonado Cervantes, I.  |  1263194 |          2013 |        41
```

Challenges

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