

Progetto: TRANSANOM BITCOIN

CSV = file testuale

ogni riga è un "record"

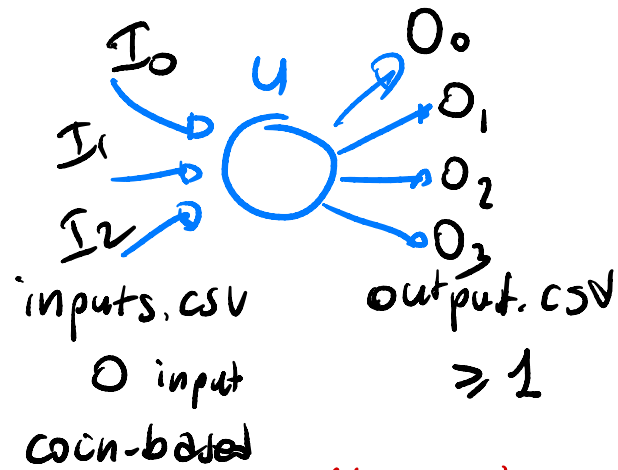
i campi del record sono separati da virgole

BITCOIN: 2009 - 2012

Obiettivo 1 costruire il graf $G = (V, E, W)$ delle transazioni bitcoin

$V = \{ \text{insieme delle transazioni} \}$ *no transactions.csv*

$u \in V$



≥ 1

Timestamp

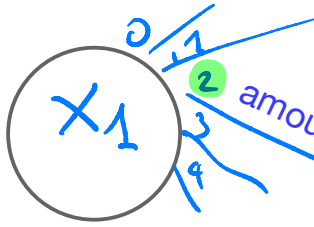
```
==> inputs.csv <==
10572823,10572820,7
10572824,10572820,5
10572825,10572820,6
10572826,10572820,2
10572826,10569364,4

==> outputs.csv <==
10572825,0,8707915,1,2
10572825,1,6137715,9899999,2
10572826,0,8707915,26651306,2
10572826,1,6137711,7991620447,2
10572826,2,6137491,7991620447,2

==> transactions.csv <==
1356997957,214562,10572822,0,100000
1356997957,214562,10572823,0,100000
1356997957,214562,10572824,0,100000
1356997957,214562,10572825,0,100000
1356997957,214562,10572826,0,100000
```

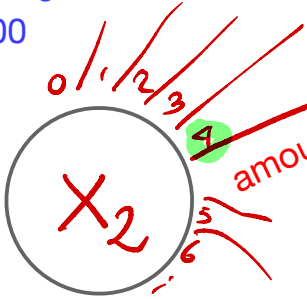
0 BIT COIN
1 VALUTA REALE

↑ timestamp
↑ id della transazione
blocco (NON CI INTERESSA)



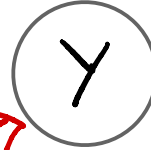
amount = 10000000

timestamp = 1356997957
blockId = 214562
txId = 10572820
isCoinbase = 0
fee = 100000



amount = 15999992200

timestamp = 1356987015
blockId = 214537
txId = 10569364
isCoinbase = 0
fee = 195000



amount = 26651306

amount = 7991620447

amount = 7991620447

timestamp = 1356997957
blockId = 214562
txId = 10572826
isCoinbase = 0
fee = 100000