o/p → o/p, target, dependent y

Sup ML → 1 or more column

y → gender

y classification

1 and only 1 column

num

catg

marks

numeric

reg 5

y score

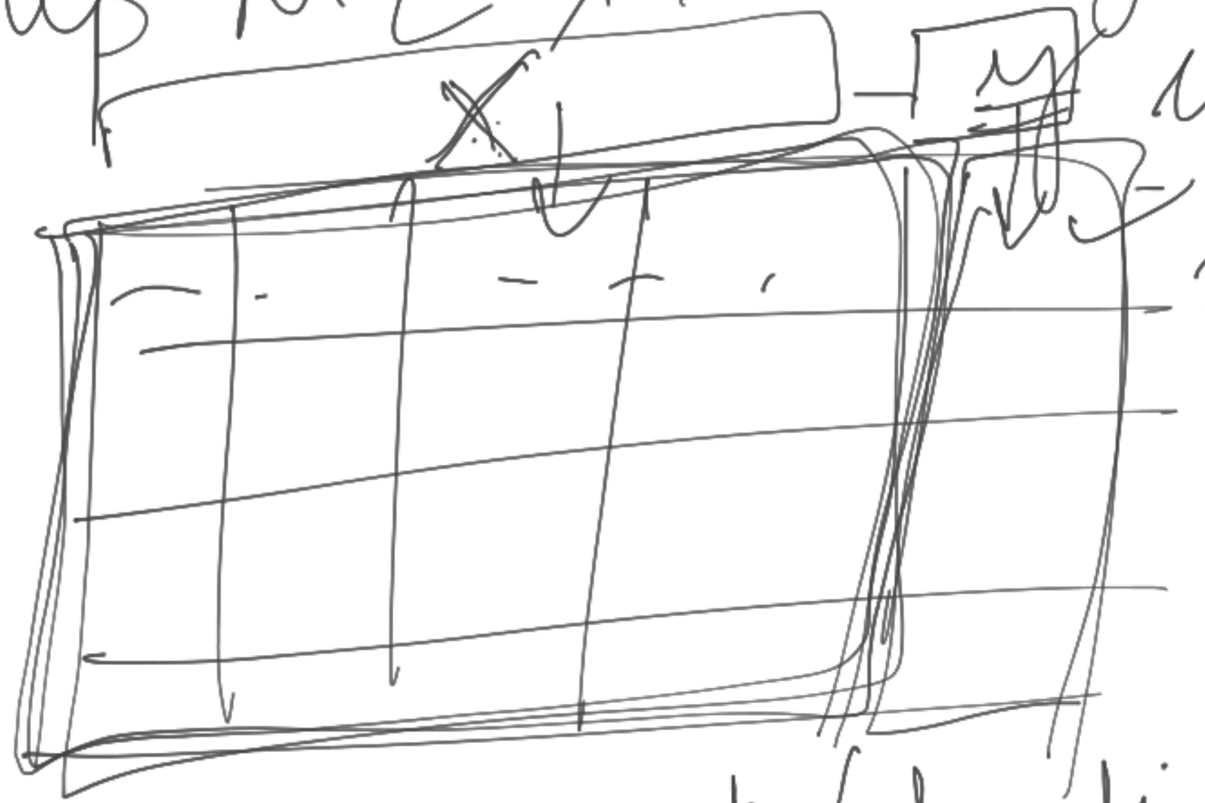
1 — 1000

2 999

3 998

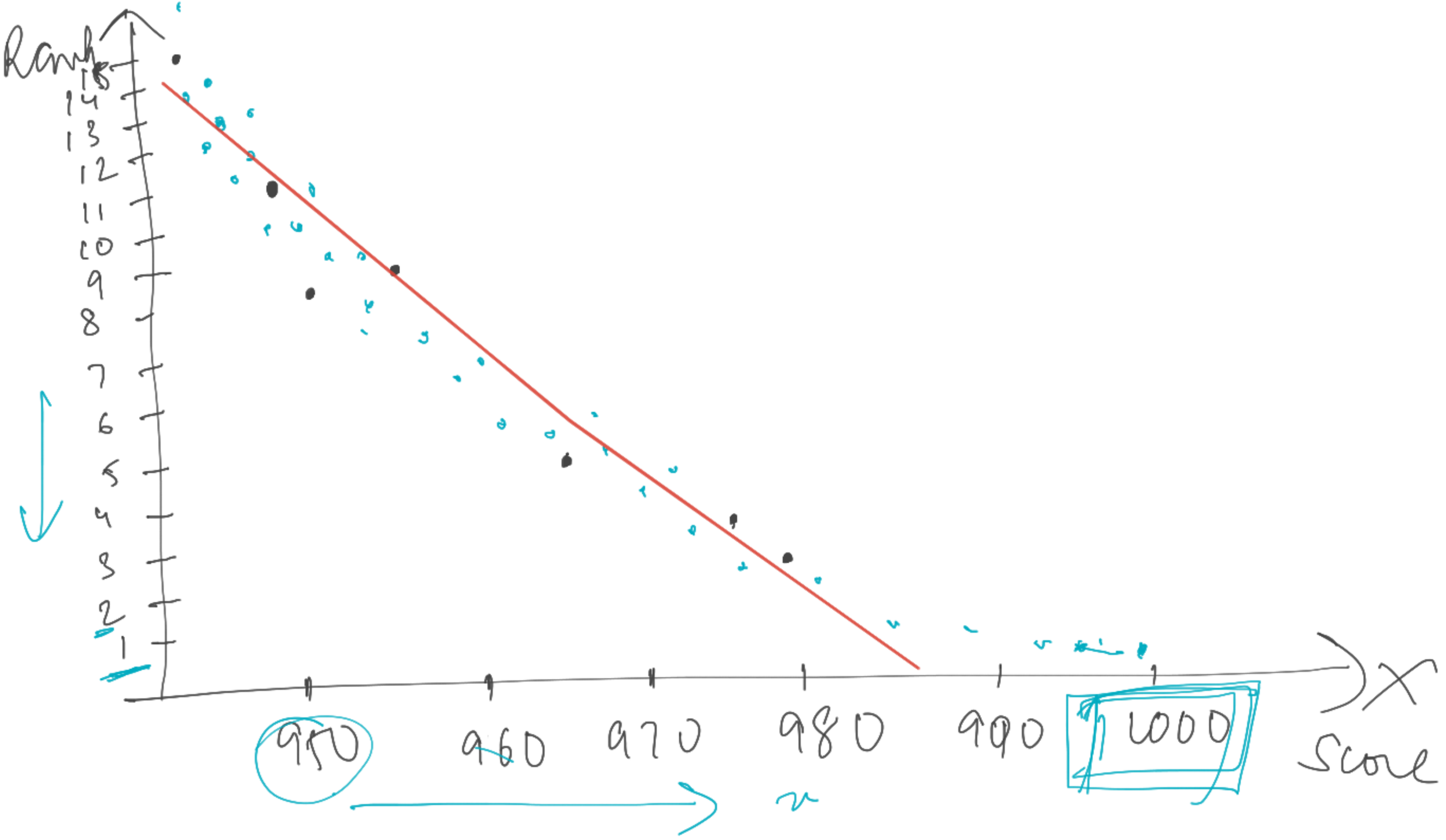
5 997

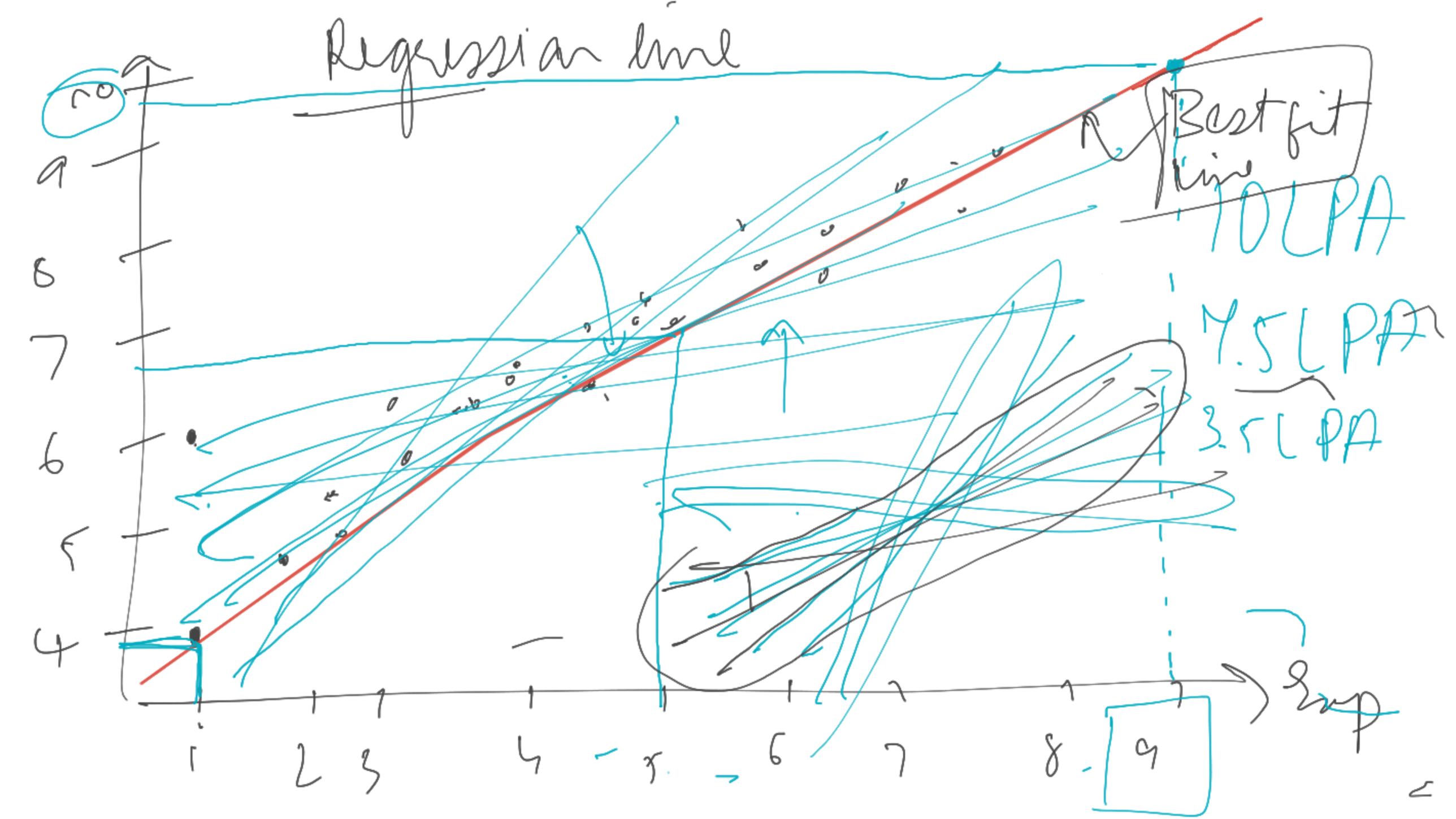
9 995



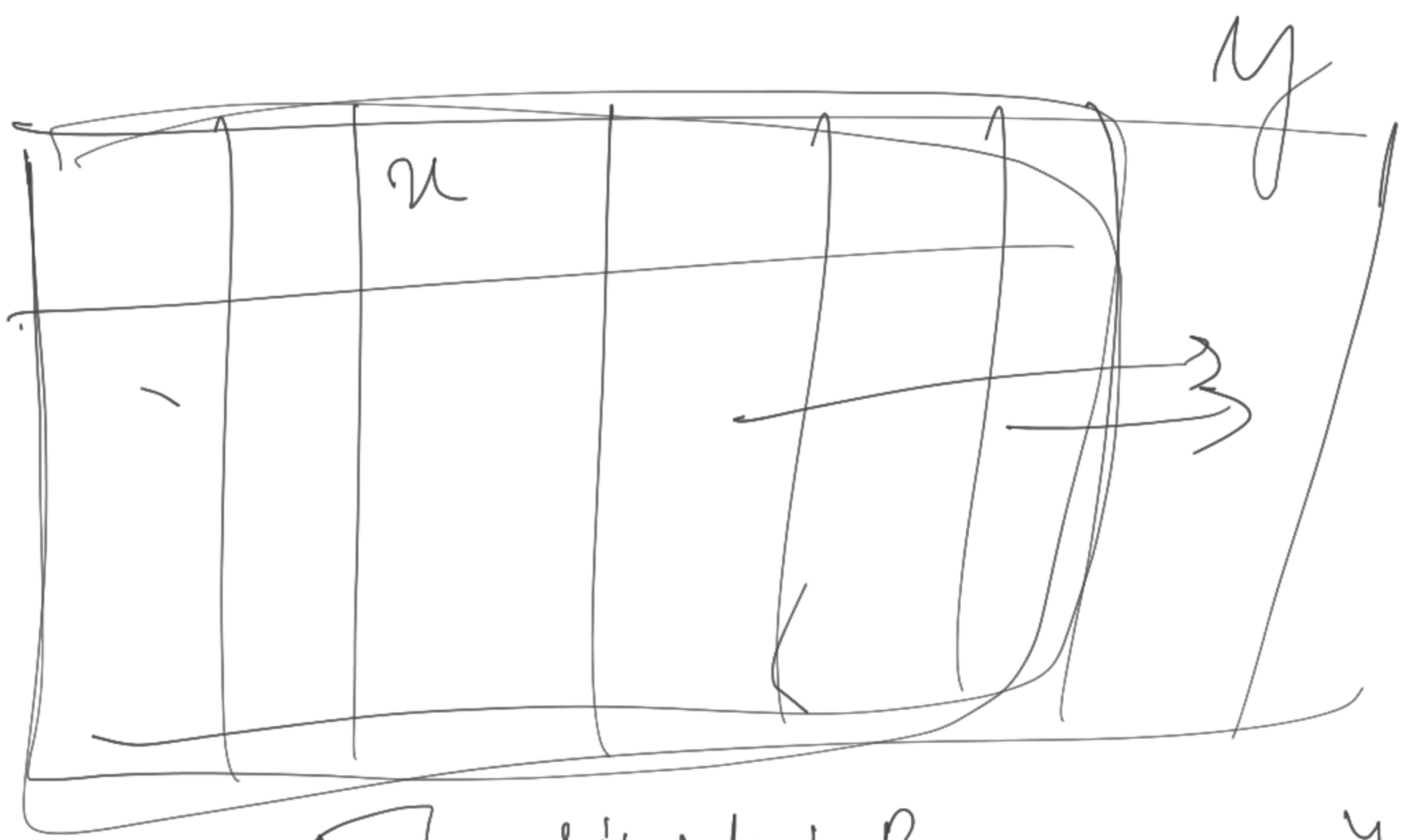
independent / prediction / input,

| Score | Rank |
| --- | --- |
| 952 | 11 |
| 980 | 3 |
| 924 | 5 |
| 954 | 9 |
| 975 | 4 |
| 945 | 15 |
| 957 | 8 |


Rank
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
950
960
970
980
990
1000
X
score

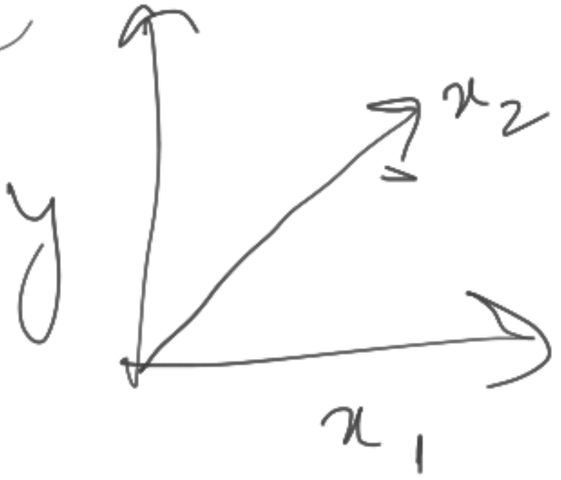


Regression line
no
9
8
7
6
5
4
1
2
3
4
5
6
7
8
9
Exp
Best fit line
10LPA
7.5LPA
3.5LPA



1 x → 1 y → simple LR

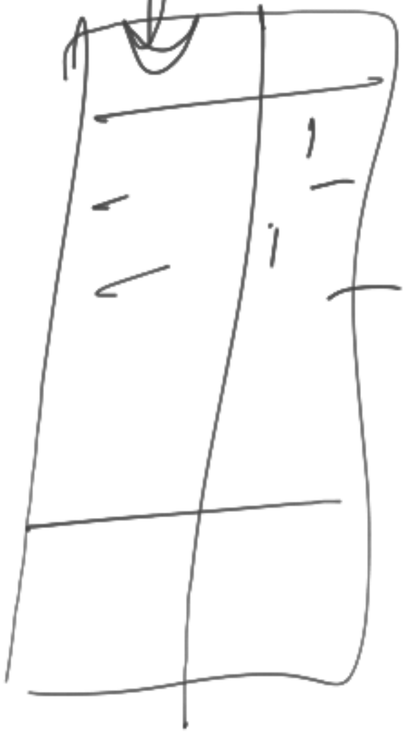
multiple x → y → multiple LR

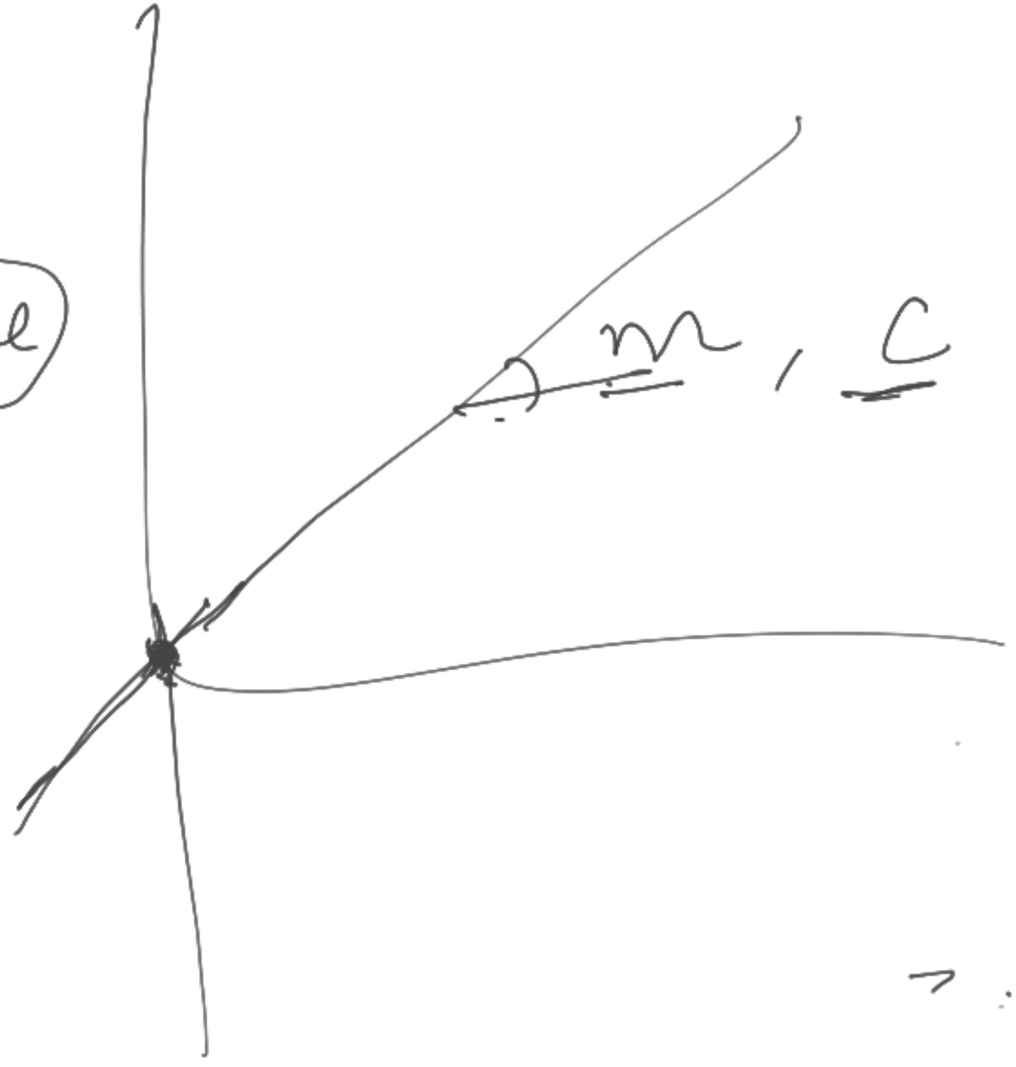


$\boxed{y} = m\boxed{x} + c$

$\boxed{985}$ x score

x score



$m \times 985 + c$

$\boxed{y} =$