eccentanana an anana

(Logistic Regression Gost Function)

ex) Training Set

| tai | nor size com) | | Patient's age | malignant? | $j=1,2,,n \leftarrow features$ |
|------------|----------------|---|---------------|------------|--|
| 7-1 | 10 | | 52 | 1 | target y = 0 or 1 (Logistic Regression Model) |
| <i>i=2</i> | 2 | | 73 | 0 | |
| : | 5 | | 5-5 | 0 | |
| | 12 | | 49 | 1 | |
| ;=m | | 1 | | | |

- Squarred error cost (linear regression)

(Thear regression)

(logistic regression)

J(3,6) (0) N.L

for legistic regression...

if use some sost function J(a,b) non-convex asst function

=> lots of local minima

: . Squamed error cost is good for logistic regression

मार्थेय ग्राम केलाई convex केलाड