

Admin

Assignment 7


Logistic regression

Why is it called logistic regression?



## Error minimization

How do we find the minimum of an equation?

$$
\operatorname{error}(h)=\sum_{i=1}^{n}\left|y_{i}-h\left(f_{i}\right)\right|
$$

Take the derivative, set to 0 and solve (going to be a min or a max)

Any problems here?

Ideas?


Multiple linear regression

If we have $m$ features, then we have a line in $m$ dimensions




## Big Data

What is "big data"?

What are some sources of big data?

What are the challenges of dealing with big data?

What are some of the tools you've heard of?

For more info:
http://www.youtube.com/watch?v=eEpxNOhtRKI


| Hadoop |
| :---: |
| http://www.youtube.com/watch?v=XtLXPLb6EXs |
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