Deep Learning Methods for Financial Sentiment Analysis

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Overview

1 ML Basics

2 Stuff

3 More Stuff

4 Another Section

Overview

1 ML Basics

2 Stuff

3 More Stuff

4 Another Section

A.I.

A nice slide subtitle

Definition

this is a definition

Example

this is an example

Alert

this is an alert!

Supervised Learning

Consider a set of labeled examples: $\{(x_i, y_i)\}_{i=1}^{N}$. Each example is represented by a unique vector $x_i \in \mathbb{R}^D$ and each dimension $x^{(j)}$ $(j = 1, ..., D)$ represents a certain feature.

Take a look at the following equations:

$$\hat{\sigma}^2 = \frac{1}{n-1} \sum_{i=1}^{n} (x_i - \bar{x})^2 \tag{1}$$

$$\bar{x} = \frac{1}{n} \sum_{i=1}^{n} x_i \tag{2}$$

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List

Here is an unnumbered list:

- this
- is
- a test

And here is one with numbers:

1. :-)
2. :-C
3. =(O.O)=

Table

A	B	C	D	E
1	2	3	4	5
2	4	6	8	10
5	10	15	20	25

Table 1: My Table

Table

A	B	C	D	E
1	2	3	4	5
2	4	6	8	10
5	10	15	20	25

Table 2: My other Table

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Columns

text text text text text text text
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img

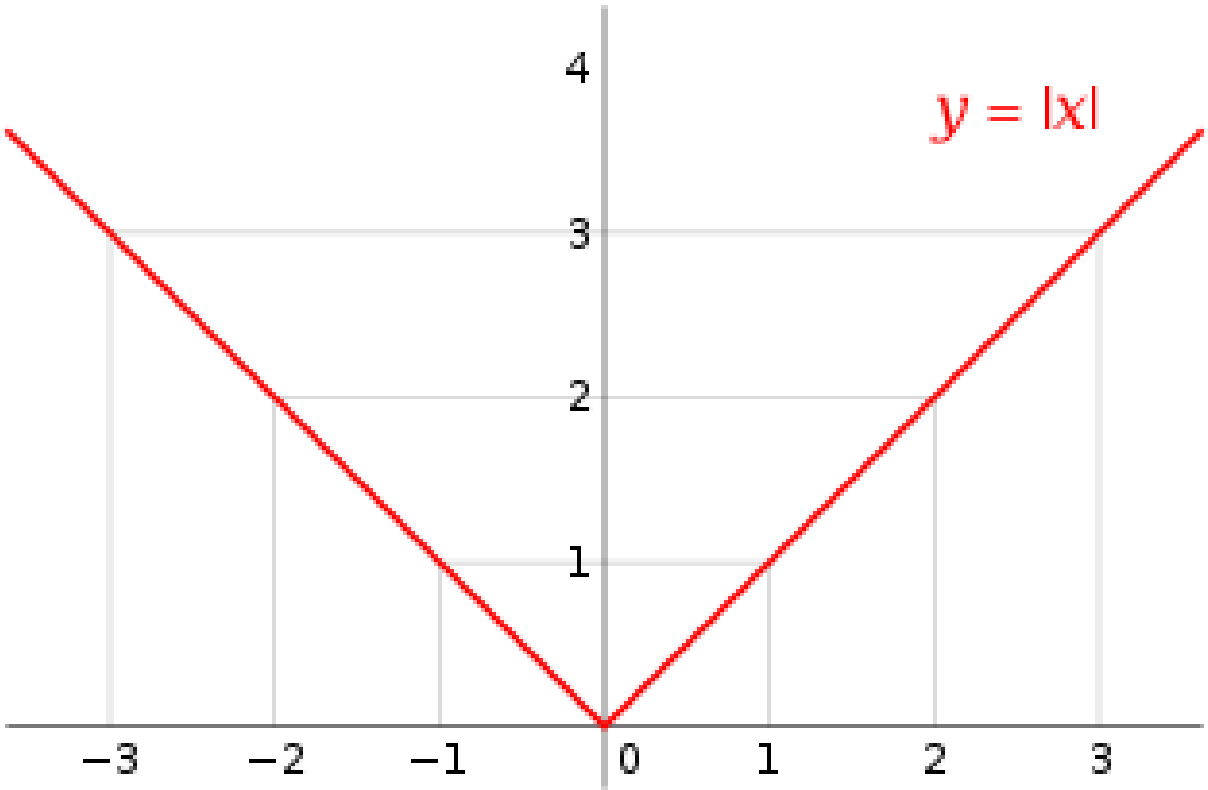

Figure 1: My Figure

citation

Text text[1]

[1] Vaswani et al., “Attention Is All You Need”.

citation and footnote

Text text[2] and more Text[3]

[2] Goodfellow, Bengio, and Courville, *Deep Learning*.

[3] Hello, this is a test.

bottom

A nice slide subtitle

I am at the bottom of the slide

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center

A nice slide subtitle

center left[4]

[4] Goldberg and Hirst, *Neural Network Methods in Natural Language Processing*.

A Theorem on Infinite Sets

Theorem

There exists an infinite set.

testProof.

This follows from the axiom of infinity. □

only command

First Line of Text

only command

First Line of Text
Second Line of Text

only command

First Line of Text
Second Line of Text
Third Line of Text

onslide command, with transparency

- this
- is
- a test

onslide command, with transparency

- this
- is
- a test

onslide command, with transparency

- this
- is
- a test

Reference Slide Title


Goldberg, Yoav and Graeme Hirst. *Neural Network Methods in Natural Language Processing*. Morgan & Claypool Publishers, 2017. ISBN: 1627052984.


Goodfellow, Ian, Yoshua Bengio, and Aaron Courville. *Deep Learning*. http://www.deeplearningbook.org. MIT Press, 2016.


Vaswani, Ashish et al. "Attention Is All You Need". In: *CoRR* abs/1706.03762 (2017). URL: http://arxiv.org/abs/1706.03762.