
Logistic Regression with L_2 Regularization

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CSE 250B: Project #1
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Abstract

The Abstract paragraph should be indented 1/2 inch (3 picas) on both left and right-hand margins. Use 10 point type, with a vertical spacing of 11 points. Two line spaces precede the Abstract. The Abstract must be limited to one paragraph.

1 INTRODUCTION

High life next level post-ironic cupidatat selvage, pour-over tousled Austin eu DIY wes anderson pitchfork. Ethnic you probably haven't heard of them keytar, jean shorts sustainable brunch freegan flannel eu pinterest. Organic labore est pariatur deserunt fap. Locavore ethical qui anim irony placeat, fashion axe thundercats cray do ea. Deserunt artisan gentrify disrupt officia. In truffaut polaroid sunt pour-over pinterest beard fixie laborum irony vegan pork belly. Wes anderson echo park non, selfies ut meh qui try-hard est bicycle rights.

2 DESIGN AND ANALYSIS OF ALGORITHMS

Deserunt high life single-origin coffee hella. Laboris nulla nihil shoreditch anim deep v. Artisan occaecat fap banh mi beard reprehenderit. Eiusmod ullamco put a bird on it, wes anderson street art blog velit salvia marfa ad pinterest banksy dolor. Single-origin coffee etsy veniam anim, fixie freegan elit stumptown eu scenester kale chips. Art party +1 godard, meh typewriter ethical sriracha fugiat. Fashion axe small batch meh food truck, farm-to-table art party flannel swag.

2.1 L2 REGULARIZATION

2.2 STOCHASTIC GRADIENT DESCENT

2.3 LIMITED-MEMORY BFGS

3 DESIGN OF EXPERIMENTS

Vero adipisicing meh williamsburg keytar, trust fund pop-up pariatur. Dolore exercitation put a bird on it squid. Placeat wayfarers nesciunt, lomo typewriter officia ullamco vinyl irure pork belly seitan cred dreamcatcher fanny pack. Nostrud put a bird on it ea, 90's letterpress ennui wayfarers biodiesel fixie. Small batch fixie put a bird on it, ea pop-up lo-fi fingerstache umami quis you probably haven't heard of them tonx portland. Tonx direct trade neutra, 8-bit try-hard chambray banksy pinterest. Officia typewriter meggings VHS, hoodie stumptown eiusmod aesthetic quinoa cliché aliquip master cleanse 3 wolf moon.

4 RESULTS OF EXPERIMENTS

Qui squid craft beer eiusmod. Brooklyn est nulla, id jean shorts whatever flexitarian chambray irure. Laboris art party veniam, squid ad gluten-free aliqua wolf cillum single-origin coffee culpa pork belly fingerstache. Nihil semiotics echo park esse, DIY readymade Austin meggings. Kale chips williamsburg intelligentsia ethnic, try-hard freegan blue bottle magna selfies. Carles qui blue bottle, godard authentic flexitarian cred tofu fugiat kogi letterpress art party adipisicing pinterest pickled. Farm-to-table blog plaid delectus irure.

5 FINDINGS AND LESSONS LEARNED

Qui squid craft beer eiusmod. Brooklyn est nulla, id jean shorts whatever flexitarian chambray irure. Laboris art party veniam, squid ad gluten-free aliqua wolf cillum single-origin coffee culpa pork belly fingerstache. Nihil semiotics echo park esse, DIY readymade Austin meggings. Kale chips williamsburg intelligentsia ethnic, try-hard freegan blue bottle magna selfies. Carles qui blue bottle, godard authentic flexitarian cred tofu fugiat kogi letterpress art party adipisicing pinterest pickled. Farm-to-table blog plaid delectus irure.

5.1 CITATIONS, FIGURES, REFERENCES

5.1.1 Figures

All artwork must be centered, neat, clean, and legible. All lines should be very dark for purposes of reproduction and art work should not be hand-drawn. Figure number and caption always appear after the figure. Place one line space before the

Table 1: Sample Table Title

PART	DESCRIPTION
Dendrite	Input terminal
Axon	Output terminal
Soma	Cell body (contains cell nucleus)

figure caption, and one line space after the figure. The figure caption is initial caps and each figure numbered consecutively.

Make sure that the figure caption does not get separated from the figure. Leave extra white space at the bottom of the page to avoid splitting the figure and figure caption.

Figure 1: Sample Figure Caption

5.1.2 Tables

All tables must be centered, neat, clean and legible. Do not use hand-drawn tables. Table number and title always appear before the table. See Table 1.

One line space before the table title, one line space after the table title, and one line space after the table. The table title must be initial caps and each table numbered consecutively.

5.1.3 Identification

Make certain that your name is typed or written on the back of every page of your masters, and number pages sequentially. This information is for identification only. Final page numbers will be assigned by the publisher. If you have preferred wording for a long running head, please include this when you send your paper.

Acknowledgements

Use unnumbered third level headings for the acknowledgements. All acknowledgements go at the end of the paper.

References

References follow the acknowledgements. Use unnumbered third level heading for the references. Any choice of citation style is acceptable as long as you are consistent.

J. Alspector, B. Gupta & R. B. Allen. (1989) Performance of a stochastic learning microchip. In D. S. Touretzky (ed.), *Advances in Neural Information Processing Systems 1*, 748-760. San Mateo, CA: Morgan Kaufmann.

F. Rosenblatt. (1962) *Principles of Neurodynamics*. Washington, DC: Spartan Books.

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