

OLS

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Abstract—Implementation of linear regression using the closed form and the gradient descent solutions. Incorporate the ridge regularization from scratch and used the lasso implementation from scikit-learn.

I. INTRODUCTION

This demo file is intended to serve as a “starter file” for IEEE conference papers produced under L^AT_EX using IEEE-tran.cls version 1.8a and later. I wish you the best of success.

[1] mds
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A. Implementation of OLS

Subsection text here.

1) *Closed form*: Subsubsection text here.

2) *Gradient Descent*:

if $i \geq \text{maxval}$ **then**

$i \leftarrow 0$

else

if $i + k \leq \text{maxval}$ **then**

$i \leftarrow i + k$

end if

end if

II. CONCLUSION

The conclusion goes here.

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