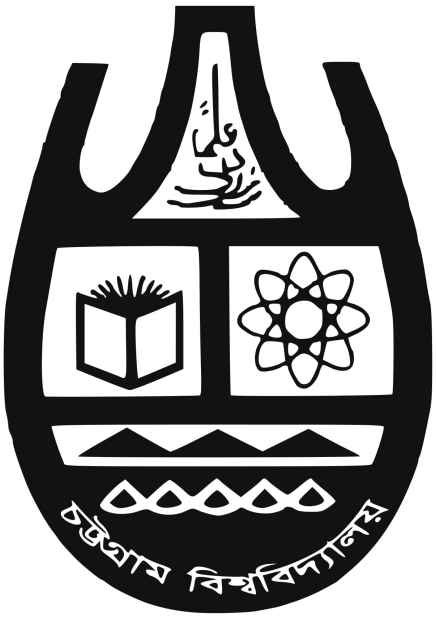

Utilizing Deep Convolution Neural Network for extracting Urban Environment Component by using Satellite Image Segmentation

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Session: 2016-2017

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November, 2021

Declaration

I, Maifee Ul Asad, hereby declare that this report titled "" and the work presented in it is my own. I confirm that:

- This work was done wholly by me under the guidance of my thesis supervisor, N. M. Istiak Chowdhury.
- Where I have consulted the published work of others, this is always clearly attributed.
- Where I have quoted from the work of others, the source is always given. Except for such quotations, this is entirely my own work.
- I have acknowledged all primary sources of help.

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Approval for Submission

This report titled “” by Maifee Ul Asad, ID: 17701086, Session: 2016-2017 has been approved for submission to the Department of Computer Science and Engineering, University of Chittagong, in partial fulfillment of the requirements for the degree of Bachelor of Science(Engineering).

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Acknowledgements

All praise is due to Allah for blessing me with the opportunity to perform this study.

I offer my most fullest respect to my supervisor.

I'm also thankful to my family members and friends.

Abstract

secret sauce

Contents

List of Figures

Chapter 1

Introduction

Blah blah blah.

1.1 Alu

Alu is potato.

1.2 Dim

Dim is love.

1.3 Problem Statement

Jibon mane Z-bangla.

1.4 Motivation

Jiner Badshah Solaiman

1.5 Random

blah blah Demir et al.

Chapter 2

Literature Review

Onek Blah Blah Blah. Kintu khubi important, nijer jnno.

Chapter 3

Methodology

Chapter 4

Material & Pre-Processing

Chapter 5

Train and Comparison

Chapter 6

Result

Chapter 7

Conclusion

Chapter 8

Future Works

Appendix A

Related Codes

A.1 Code Snippet 1

```
# x = y
x = y
```

Appendix B

Model Plots

B.1 Result Compare 1

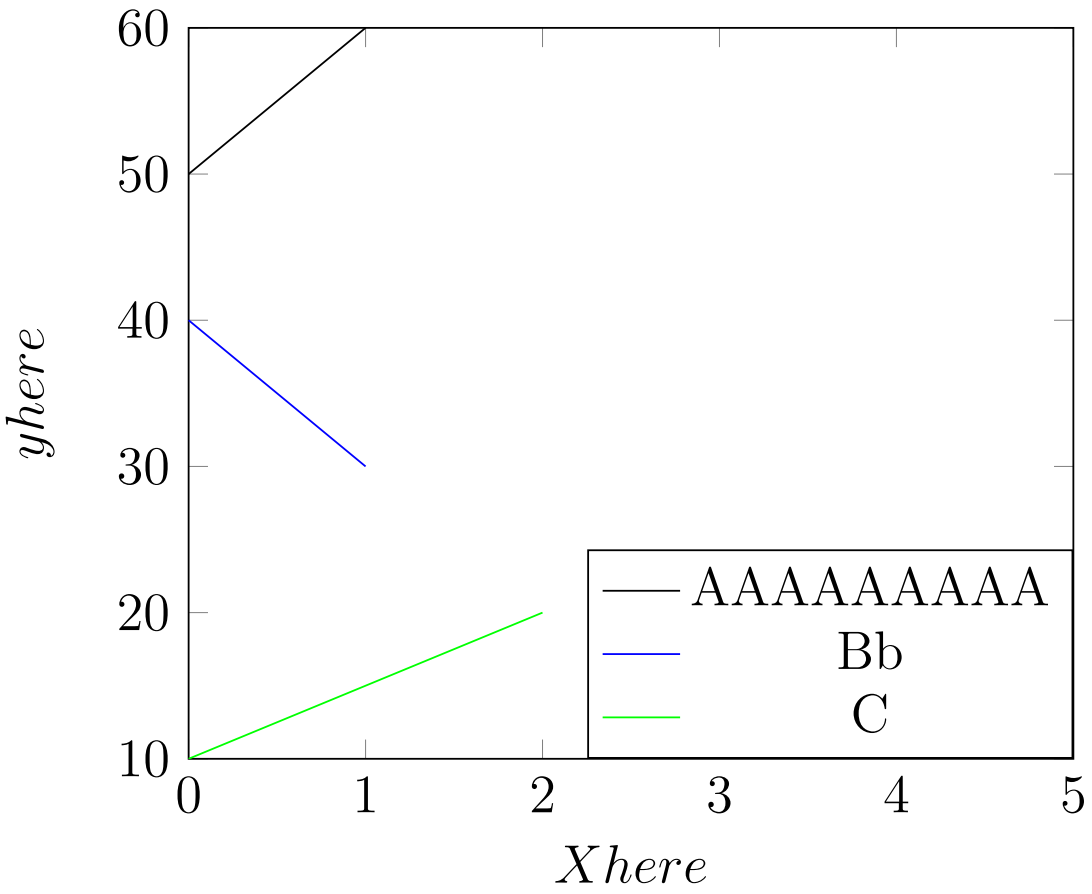

Figure B.1: Comp 1

B.2 Result Compare 2

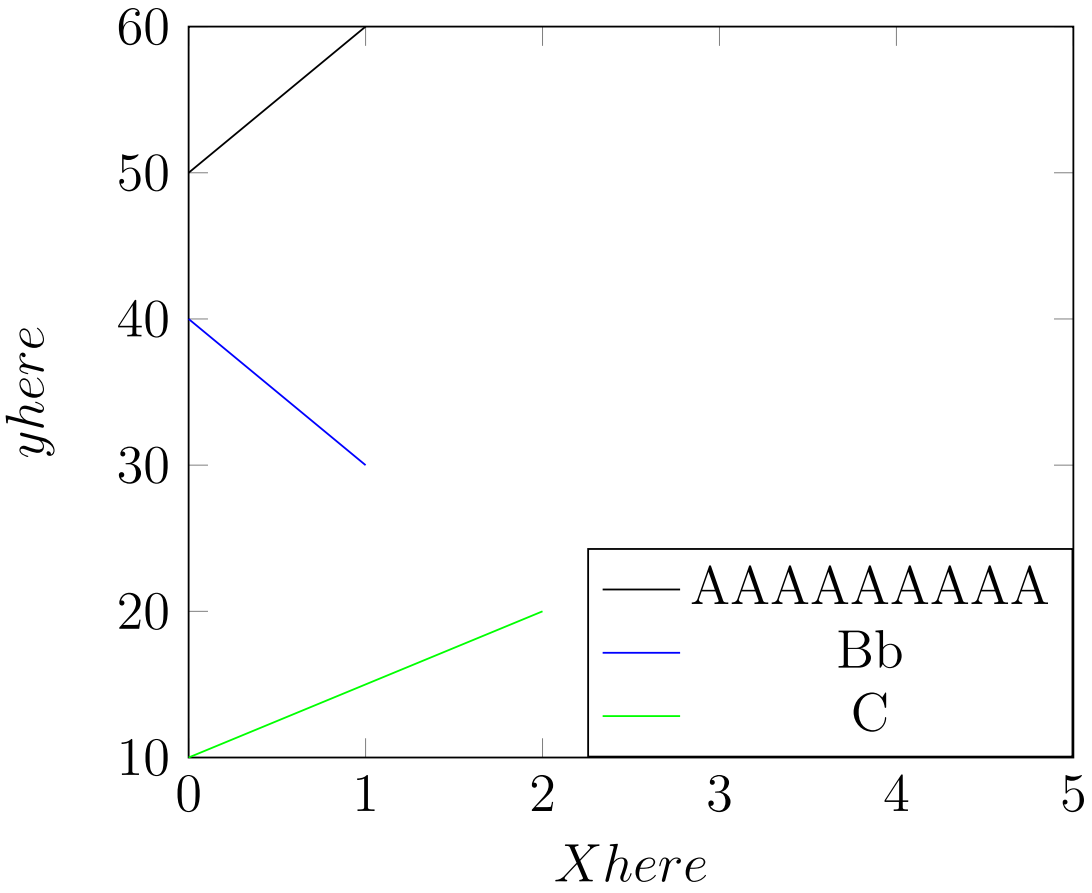

Figure B.2: Literally comp1 figure

Bibliography

Demir, Ilke, et al. “DeepGlobe 2018: A Challenge to Parse the Earth Through Satellite Images”. In *The IEEE Conference on Computer Vision and Pattern Recognition (CVPR) Workshops*. 2018.