BIRKBECK, UNIVERSITY OF LONDON

Pneumonia Detection from Chest X-Ray Images

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A project report submitted in fulfillment of the requirements for the degree of MSc Data Science

in the

Department of Computer Science

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Abstract

New test text. New words

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1 Introduction

Introduction related material. Explain overall aim.

1.1 Aims and Objectives

1.2 CI/CD Pipeline

Overall description of CI/CD and role in the project. CI pipeline setup with travis.

1.3 Engineering Related Challenges

Role of hardware accelerators. Debugging related challenges of Neural Networks

1.4 Project layout and design

Overall project design such as folders and library interactions.

1.5 Reproducibility Guidance

Parts to consider before reproducing.

2 | Data

Reminder of the dataset. [1]

2.1 Data Augmentation

Data augmentations applied and example results of the augmentation.

2.2 Limitations of the Dataset

References

[1] Open Access Biomedical Image Search Engine. https://openi.nlm.nih.gov/. Accessed: 2019-03-12.