Project Report

TDT4265 Computer Vision and Deep Learning

Sivert Utne

March 24, 2022

Contents

2 Model Creation

2.1 Creating the first Baseline

2.2 Augmenting the Data

2.3 Implementing RetinaNet

2.4 Using knowledge from the Exploration

2.5 Extending the dataset

3   Discussion and Evaluation

3.2   Discussion and Qualitative Analysis

3.3   Final Discussion

4 Going Beyond

4.2 Explaining the Model with CAM