Project Report:

“Project Name”

Class

Students

Group

Submission Date: 23 April, 2021

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# Introduction

## Domain

* What is the field about?
* Give us a bit of history to contextualize the problem
* Talk about your problem (no notations)
* Why is this an important problem

## Background Knowledge

* What do you need to know?

## Related Work

* Evidence that you’ve done your due diligence to verify the novelty of your work
* Look at related domains or using different architectures (or other ML approaches if you want to be thorough)
* Point out why **your work** is novel
* If you are replicating a study, clearly point this out
* If you are using / extending models, definitely mention them here

# Model & Methodology

## Problem

* Frame the problem using formal (mathematical) language
* Define what you consider to be a solution

## Neural Network Architectures

* Describe the neural network architectures you are investigating
* If it is something we studied in class, you can do this in a short sentence or two
* How are you handling your data and doing hyperparameter tuning

## Details of the Approach

* Details of our chosen neural network
* Implementation details
* Project Directory Overview
* Pseudocode of Data Annotation
* Pseudocode of Neural Network Program Loop
* Flow Chart, etc.
* Running Instructions
* Evaluation

# Results

* Figures, figures, figures
* Explain those figures

# Analysis

## Significance of results

* What do they say about the domain problem
* If something went wrong, you can talk about that there!
* If you found something unexpected
* How do your results compare to other related works?
* Assumptions and limitations

# Conclusion

## Recap

* Domain problem
* Your formulation
* Highlight of results

## Possible extensions

* Future work
* You can let your imagination run wild here!